E CHEMIST AND DRUGGIST

ESTAB. 1859

REGISTERED AS A NEWSPAPER.

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MAY 29, 1920. VOL. XCII.

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For Infants and Young Children

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Manufacturing Chemists
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TRADE MARK

IMPORTANT ALTERATIONS

IN THE PRICE OF

FULFORD GOODS

ON June 1st the Price List on the opposite page comes into force. A special letter explaining the reasons for, and the benefits of, the new list has been posted to all the trade. If your copy does not arrive, please send postcard.

Summary of Leading Points about Price List

1. Your profit is increased substantially on Peps, Bile Beans, Ker-nak, and Ven-Yusa Cream, etc.
2. Zam-Buk Soap and Ven-Yusa Soap have been increased in price. Your profit goes up also.
3. Ven-Yusa Cream at one shilling has been a good advertisement. Now it is 1/6 and your profit is $33\frac{1}{3}$% on sale, plus 5% window-show terms.
4. If the selling scheme is a success and we have your co-operation, we hope to increase the price of Zam-Buk later. It is already increased in Ireland.
5. Price Labels will be supplied on request for Peps, Ven-Yusa Cream and the soaps. Existing stocks of Bile Beans and Ker-nak should be sold at the old price or returned for exchange, as the new 2/- and 4/6 sizes contain a larger quantity of pills.

LEEDS *C. E. FULFORD, Ltd.*

C. E. FULFORD, Ltd.

CARLTON HILL, LEEDS.

Telegrams: "GLADIATOR LEEDS."

Wholesale Price List

Telephone No: 20117 LEEDS (Three lines.)

UNE 1st, 1920.

			Net	Minimum Retail Price
BILE BEANS	2/-	size	19 - dozen	2 -
,, ...	4 6	,, ...	38/- ,,	4/6
ZAM-BUK	1 3	,, ...	13 - ,,	1 3
,, ...	3/-	,, ...	28 6 ,,	3 -
,, ...	5 -	,, ...	49 - ,,	5 -
,, ...	12 -	,, ...	9/- each	12 -
PEPS	2/-	,, ...	19 - dozen	2/-
,, ...	5 -	,, ...	42/- ,,	5 -
ZAM-BUK SOAP	1 3	,, ...	11/- ,,	1 3
FULFORD POWDER .... (Patent Container with Puff.)	1 6	,, ...	13/- ,,	1 6
REFILLS do.	10d.	Pkts.	6/6 ,,	10d.
VEN-YUSA CREAM	1/6	size	12 - ,,	1 6
,, SOAP	8d.	,, ...	6 - ,,	8d.
,, SHAMPOO POWDERS (7 3d. Shampoos in pkt.)	1/6	,, ...	13/6 ,,	1 6 pkt.
,, do. (Cartons contg. 6 Doz.)	3d.	,, ...	132/- ,,	3d.
ZAM-BUK FOOT BATH	1/3	,, ...	12/- ,,	1 3 ,,
KER-NAK PILLS	2 -	,, ...	18 6 ,,	2/-
,, ,, ...	4 6	,, ...	38 - ,,	4/6 ,,

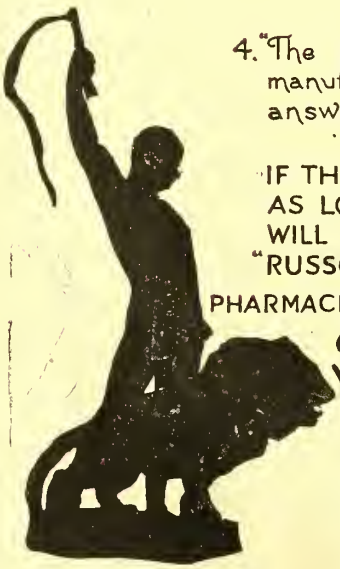
All Orders CARRIAGE PAID.

Large Size is exchangeable at any time for Small.

HE ABOVE PRICES ARE STRICTLY NET CASH THIRTY DAYS.

Four Authorities:

1. "I have very clear evidence of the fact that those who develop such diseases as are mentioned in the following list have suffered for some time from chronic intestinal stasis: non-specific arteritis obliterans, angina pectoris, rheumatoid arthritis, Still's disease, tubercle, exophthalmic goitre, adenoma of the thyroid, Addison's disease, Raynaud's disease, diabetes, ulcerative colitis, microbic cyanosis, dementia praecox, pernicious anaemia, disseminated sclerosis, paralysis agitans, infective endocarditis, and in many instances alcoholism and the drug habit, and numerous forms of skin disease."
   Sir ——
   "The Lancet"
   December 20th 1919. p.p. 1123.
2. "Liquid Paraffin, or Russian Mineral Oil, is the agent which, by common consent, is pronounced the most satisfactory in the treatment of these cases." i.e. Intestinal stasis.
   W —— S —— B ——
   A.M., Sc.D., M.D.
   "Chronic Intestinal Stasis"
   Womans Medical Journal
   January 1914.
3. "In the New Utopia, where stasis will be regarded as a sin more sinister than sedition, and surfeit more unseemly than schism.....the function of the police will be the purveying of paraffin....."
   Dr ——
   "The Operative Treatment of Chronic Intestinal Stasis" (1918)
   p.p. 263.
4. "The Silvertown Company, in particular, are manufacturing a fine standard product which answers all B.P. demands perfectly."
   "The Lancet" 2nd October 1915.



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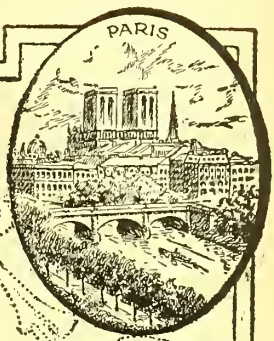

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Calcium Lactate
Chloral Hydrate
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Citric Acid
Cocain
Coumarin
Creosote Carbonate
Eucalyptus Oil
Gallic Acid
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Hexamine
Homatropine
Hydroquinone
Ichthyol Substitute
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Pepsine
Peptone
Phenacetin
Phenazone
Phenolphthalein
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Resorcin
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Salol
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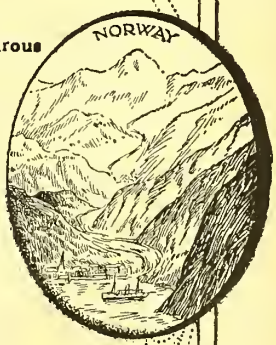
Theobromine
Thymol Crystals
Vanillin

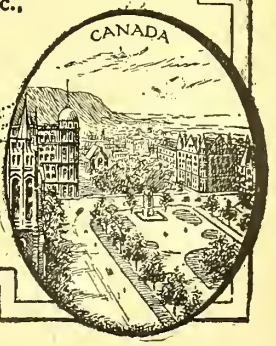


R. W. Greeff & Co.

THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.

MANCHESTER BRANCH
Lloyd's Bank Buildings,
King Street.

NEW YORK AGENTS
R. W. Greeff & Co., Inc.,
78, Front Street.



THE RETAIL PRICE OF

Falconer's Golden Compour

will be advanced to 2/- on and after July 1.

The Proprietors regret that owing to the exceedingly high cost of production, coupled with a just demand of their Agents for improved terms to meet also their great expenses, they are compelled to advance the price to 2/.
They, therefore, hope the Retailers will reduce their stocks to the lowest minimum, so as to obviate the necessity of adding the increased Stamp Duty, Labelling, &c.

Falconer & Co., Ltd., *Manufacturing Chemists,* **47 Mark Lane, London, E.C.3**

Ready for Immediate Delivery.

INCUBATOR and DAIRY Thermometers

Government-Tested CLINICAL THERMOMETERS.

INSULATED CHEMICAL THERMOMETERS for all Industries.

HYDROMETERS for all gravities.

Wholesale and Export Prices on application to the Manufacturers,

POWELL'S THERMOMETER CO., 55 Hatton Garden, London, E.C.

CLINICAL THERMOMETERS.

1-min. lens front, **27/-** doz. cash. We hope to offer ½ and 2-m in a few weeks. Immediate delivery up to 1000 of 1-min.

SEIDLITZ POWDERS.

We are about the largest packers of this line in England now, and invite inquiries from Wholesale and Colonial buyers.

HEALTH SALT, IN TINS.

84/- gross; 5 gross **82/-** gross. A delightful fine Saline. Very d

CHELTENHAMS, SALINE.

6-oz. **13/6**; 8-oz. **15/6** doz. Attractively labelled and smart cartoned and wrapped.

LIQUORICE, 2-oz. STICKS.

May we quote you for Sept.-Dec. delivery, any quantity, 1 lb. to ½-to

NOTE ADDRESSES:

ROSS MANUFACTURING CO. **Wholesale and Export Chemist**

92 Kirkdale, SYDENHAM, S.E. 26, and George Street, Patricroft, MANCHESTE

"Rownsons have it!"

Fix that firmly in mind. When customers demand, meet their requests. If you cannot, replenish stocks from the Biggest Business Deal on Record. **£5,000,000—£10,000,000 worth of Government Surplus Stores, 50,000 items.**

CASTOR OIL (Bulk Offer by "D" Dept.)

Pure Pharmaceutical
1st Pressings
2nd Pressings

In Bulk, Barrels, Drums and Cases

Large Quantities Available.

SOAP.
Pale Yellow, Crosfield's and Gossage's make, packed in 50-lb. boxes, containing 20 × 2½-lb. bars.

BEESWAX.
Zanzibar, Abyssinian, Benguella, Mozambique. Packed in bags of 1¾ cwt. each.

RUSSIAN TALLOW.
Packed in 5-cwt. casks.

DISINFECTANTS.
Sanitas,
"Okal,"
and other varieties.

JELLY.
Petroleum.

We can also supply—
MINERAL, RAPE, SWEET and OLIVE OILS, GLOVES (RUBBER), ISINGLASS, PARAQUIT, VERMIJELLI, NAPTHALINE PASTE, TURPENTINE.

Don't blame us if you are not supplied, we are announcing broadcast our desire to supply you. It is necessary for you to respond quickly in the manner indicated.

Telephone: Cent. 1070 (10 lines).

ROWNSONS
ROWNSON DREW & CLYDESDALE LTD

Cables: "Rownsons Cent."

ESTABLISHED 100 YEARS.

Head Office: 225 UPPER THAMES ST., LONDON, E.C. 4

Works: ELEVATORS & CONVEYORS, Maiden Lane, YORK ROAD, N.

Branches - BIRMINGHAM ... Mr. A. Sharman, 111 New Street.
BELFAST ... Mr. C. Whalley, 16 Donegall Square South.
BRISTOL ... Mr. H. S. Davis, 3 Unity Street, College Green.
GLASGOW ... Mr. W. B. Purdie, 1552 Gt. Western Rd., Anniesland.
LEEDS ... Mr. T. H. Cordner, 2 Park Place.
MANCHESTER... Mr. S. H. Hewett, 70 Spring Gardens.
LIVERPOOL ... C. S. D., Queen's Drive, Walton-on-the-Hill.

FOR PARTICULAR ATTENTION

Two new preparations

TONOLENE

To-day there is a greater demand than ever for a reliable hair dressing which is neither sticky nor greasy, and Tonolene is designed to meet this demand, and meet it admirably from every point of view.

Tonolene is a spirituous non-oily dressing. By reason of its antiseptic ingredients Tonolene may be recommended for the prevention and cure of dandruff or scurf, one of the commonest causes of loss of hair, and it encourages the growth of the hair by stimulating the circulation in the scalp.

Tonolene is issued in an elegant sprinkler-top bottle holding about 7½ fluid ounces.

M.R.P. 2s. 6d. M.W.P. 20s. 0d. net per dozen.

FECTO

Fecto is a solution of hypochlorites and chlorine, containing about 4 % of available chlorine, for general use as a germicide, disinfectant and deodorant.

Fecto has long been successfully marketed in the U.S.A., but war conditions have deferred its manufacture in this country.

Bacteriological tests show that the germicidal value of Fecto is 12 times that of pure No. 1 Carbolic Acid, but it is non-poisonous. In fact, it may be used for sterilising suspected drinking water. It has no injurious action on the skin; suitably diluted, it is even used as an antiseptic for open wounds, cuts and abrasions.

	M.R.P.	M.W.P.	
8 oz.	*1s. 3d.*	*10s. 2d.*	*net per dozen*
16 oz.	*2s. 3d.*	*18s. 0d.*	*„ „ „*

Further particulars on request.

PARKE, DAVIS & CO.

50-54, Beak Street, LONDON, W.1.

Laboratories : : Hounslow, Middlesex.

T. J. 60

Maw's Page

NUMBER 450.
MAY 29, 1920.

MAW, SON & SONS, LTD • 7-12, ALDERSGATE ST LONDON, E.C.1.

Keeping up.

Science of Optics and Refraction very progressive one. The im- vements made in the last two ades in eye-glasses, and the coveries made in the realm of ective optical work have been very ensive and of great human value.

a settled policy of the House of w to always keep abreast of the s. The House of Maw will er countenance usage being a e on the wheel of progress.

It is but natural that the House Maw should very often suffer from ving pains—in the course of en- ements and improvements of rtments. The latest department dergo the process is that which prises the Optical Fitting Rooms.

y provide a service extensively by chemists and druggists, and ncreasing demand for this service ell as the necessity to embody in the advantages of the latest and progressive equipment made it ential that reconstruction should place.

Fitting Rooms have now emerged the indeterminate state which aking down and building up" ys bring about and the result is a letely equipped, expertly staffed, thly-working department which t lacking in a single necessary cular.

hemists and druggists who are to send their customers to the se of Maw can take orders for testing and glasses assured that complete satisfaction which gs from scientific accuracy will e outcome.

reader who is interested in this e should write to the House of for full particulars showing how ptical Service can be added to store without going to great se or incurring heavy establish- expenses.

Discus

Maw's Eugenic Milk Sterilizer

UNUSUAL interest has been displayed in the famous "Eugenic" Milk Sterilizer. It solves the vital milk problem either for home or hospital use. Its adoption by the leading hospitals, crêches, welfare centres and other institutions is in itself sufficient endorsement of its all-round excellence and efficiency. The sterilization of milk is the recognised safeguard by advanced medical science against its impurities and consequent dissemination of disease. Maw's "Eugenic" Sterilizer safeguards the little ones from the serious dangers of cows' milk, and greatly aids digestion.

THE VITAL MILK PROBLEM

In use the Sterilizer is simple, the resulting bottles of sterilised milk are quite hermetically sealed, and, in consequence, will keep sweet and pure for months—a point which your customers will appreciate during the coming months.

EACH BOTTLE A FEEDER.

Each bottle may be used as an ordinary feeding bottle by placing a teat over the neck. Dilution with water, or the addition of suitable food materials, should be effected before the milk is warmed, or it may be used undiluted, as the physician may direct.

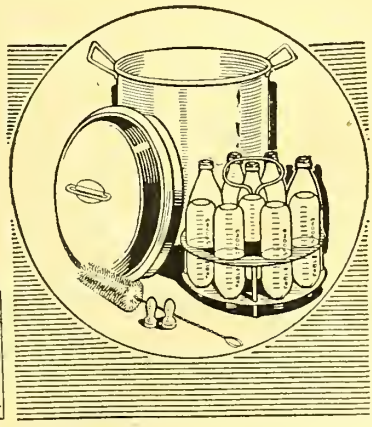
The appliance consists of six or ten graduated bottles, each fitted with metal cap and purest rubber disc, in metal cruet, brush and teats complete with container, ready for use.

Complete with six bottles	... ...	18/- each
,, ,, ten ,,	... ...	26/- ,,

Spare parts of the above sizes always in stock.

I.R. Discs	2/6	per doz.
Regd. Metal Caps	2/6	,,

For use in the Nursery



For use in the Kitchen

TELEPHONE: CITY 7 (PRIVATE BRANCH EXCHANGE). TELEGRAMS: "ELEVEN, CENT, LONDON."

Certified that the sales of INECTO in one day have exceeded 5,000 full-size Cases.

INECTO RAPID

The Largest Sale of any Hair Colouring

Inecto-Rapid is advertised extensively and nationally in all the leading Papers, including *Daily Mail, Weekly Dispatch, Observer, John Bull, Strand Mag., Nash's Mag., Weldon's Journals, Fashions for All, Vogue, Daily Sketch, Sunday Pictorial, Sunday Herald, Tatler, Bystander, &c.*, which has been and is the means of creating a huge demand throughout the world for the guaranteed permanent Hair Colouring.

Showcards, Displays, Models, Instructional and Descriptive Pamphlets, etc.

Inecto-Rapid is obtainable in eighteen different shades, and shows a generous margin of profit.

5/6 Profit on **12/6** case. **84/-** per dozen.
1/- Profit on **3/6** Trial Case. **30/-** per dozen.

Procurable from your Wholesaler.

Sole Selling Agents—

Osborne, Garrett & Co., Ltd.

51, 52, 53 & 54 FRITH STREET,
Soho - - London, W.1.
and 11 Temple Street, Birmingham.

The sale of Inecto-Rapid is greater than that of all other Two-Bottle Dyes put together.

Better Than a Mustard Plaster

For coughs, colds, aching muscles and twinging joints there is nothing quite like Miller's Musterole. Rub a little on the aching or congested spot. It penetrates way down under the skin and generates a peculiar heat which soon dissipates congestion and sends the pain away. Miller's Musterole is just a clean white ointment always ready to use. No fuss or bother, no stinging, messy plaster. And Miller's Musterole has the same effect as a mustard plaster, but does not blister.

An advertising campaign of impressive proportions embracing publications all over the United Kingdom is under way. Prepare now to secure your share of this new business by ordering a supply of Miller's Musterole. It comes in a handy white jar ready for immediate use. Prices and additional information gladly forwarded on request.

The Musterole Co., Cleveland, Ohio.

Sole Agents: **Thos. Christy & Co., 4-12 Old Swan Lane, London, E.C.4**

High-Class Surgical Dressings

London Offices: 151-157 GOSWELL ROAD, E.C. 1.

BE WISE!

AND TAKE ADVANTAGE OF THESE OFFERS

1. White Open Wove Bandages.

Special Quality, 6 yards long only. All widths from 1 in. to 6 in. At **18/-** per gross per inch. Other widths in exact proportion.

2. White Open Wove Bandages.

Hospital Quality, 6 yards long only. Three widths only, 1 in., 2 in. and 3 in. At **16/-**, **32/-** and **48/-** gross respectively.

3. White Absorbent Gauze.

Hospital Quality, in 6 yard packets. **14/6** dozen. 1 gross at **14/-**, 5 gross at **13/6**.

4. Sanitary Towels.

Wrapped in plain blue paper, no name. Packets of 1 dozen towels.

No. 0	1	2	
11/9	**15/-**	**19/3**	per dozen packets.

ALL ABOVE OFFERED SUBJECT TO BEING UNSOLD

£5 orders carr. paid. Wrappers charged, but returnable. 5% disc., Cash with Order

ROBERT BAILEY & SON, Ltd.,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C. 5TH EDITION.

AYRTON'S WEEKLY PAGE 15

ccidents will happen !

We specialise in First Aid Cases, and can offer a full range from the compact tourist size to the complete factory case.

No. 1. For boy scouts, cyclists, schools, etc. Decorated aluminium style in red, with full directions inside of hinged lid. CONTENTS—Boracic lint, gauze, cotton wool, a 2-in. and 1-in. roller bandage, court plaster, antiseptic ointment, adhesive plaster, safety pins and waterproof cambric. Measures $4\frac{1}{4}$ x $3\frac{3}{4}$ x $1\frac{1}{4}$.
Retails at ... ... each **1/9** ; Wholesale ... ... per dozen **13/6**

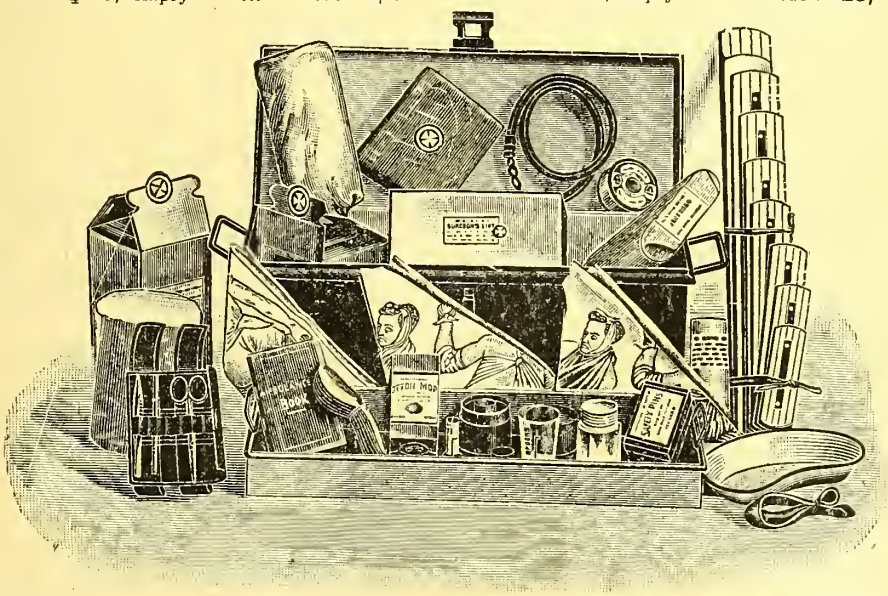
No. 2. Black Japanned tin, with "First Aid" enamelled on lid. For motorists, home, workshops, etc. CONTENTS—Carbolic oil, burn dressings, plasters, lint, cotton wool, boric lint, sal volatile, wool swabs, safety pins, brush, bandages, etc. Measures 6 x 4 x 2.
Wholesale ... ... each **3/9**

No. 3. Black Japanned tin, with "First Aid" enamelled on lid. For small workshops and the home. CONTENTS as No. 2, but larger quantities and extra bandages. Measures $8\frac{1}{2}$ x $4\frac{1}{2}$ x $2\frac{1}{2}$. Wholesale ... ... each **6/6**

No. 4. Completed in accordance with Home Office Regulations, for workshops employing up to 50 hands. Measures 15 x 10 x 6. Wholesale ... ... each **30/-**

No. 5. As No. 4, but larger size. Measures 19 x 15 x 6. Designed for workshops employing 150 hands. Wholesale ... ... each **65/-**

The following size FIRST AID CASES in black Japanned tin in stock, and can be filled to customer's own requirements.
16 x $6\frac{1}{4}$ x 3, empty ... each **6/-**. 20 x 10 x 8, empty ... each **23/-**



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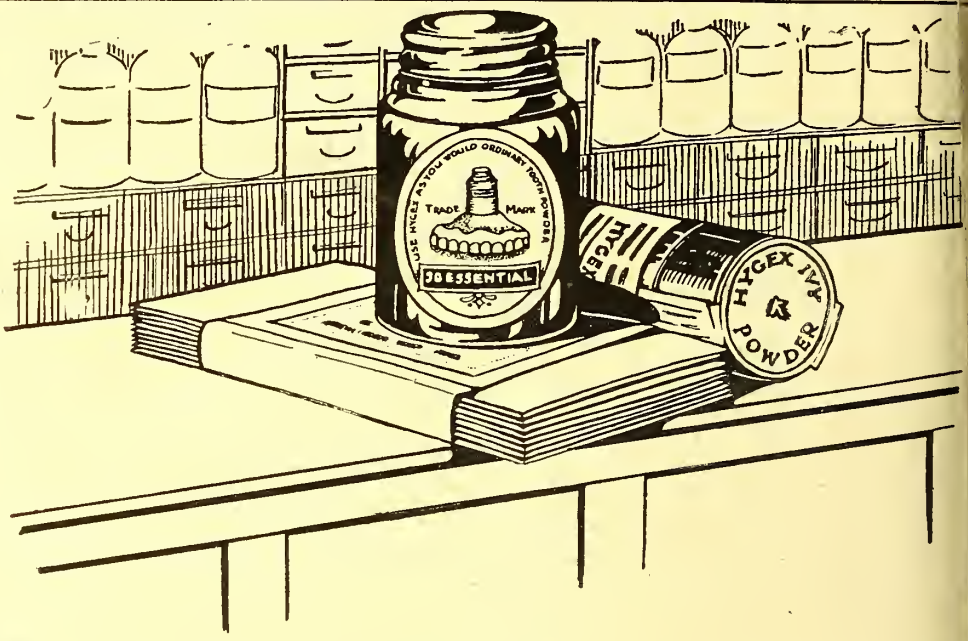
AYRTON, SAUNDERS & Co. LTD

Ma ufacturing Chemists **34 Hanover Street, LIVERPOOL**



Make these your "counter attractions"

HYGEX preparations are a new departure in dental commerce. **HYGEX** is a name which embraces lines of a distinctive nature appealing to all who possess artificial dentures.

If teeth extraction is one of your "lines" there is no better mouth wash to offer your patient than **HYGEX MOUTH WASH**, removing all unpleasantness from the mouth immediately. Pleasant and safe in use. Per gross packets, retail **1/3**, per doz. **10/6.**

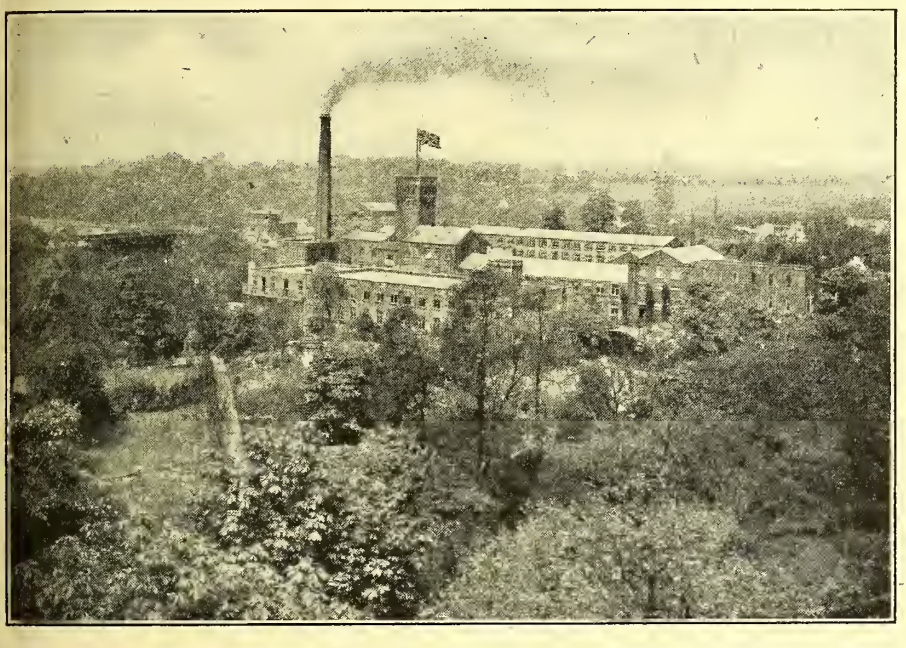
The best cleansing agent for all who use artificial teeth is **HYGEX** Artificial Teeth and Plate Powder. A powerful antiseptic preparation that satisfies its users and yields a good profit. Per doz. pots, packed in cardboard boxes, retail **1/3** per packet - **10/6**

To please your patients, with gain to yourself, recommend **HYGEX IVY POWDER**. A dainty and very pleasant form of Tragacanth. Per dozen boxes, with sprinkler tops, **24/-**

Our national advertising, now in progress, will cause a large demand, and it would be advisable to stock up to meet it. Drop us a postcard, and our representative will call.

Hygex

HYGEX LTD., 14a Atlantic Road, Brixton, London, S.W. 9



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IN the Garden Laboratories at Bardsley Vale, under ideal conditions of cleanliness and scientific supervision, are made many novelties and refinements of modern Pharmacy including those catalogued at the foot of this announcement.

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THOMAS KERFOOT & Co LTD
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BRITISH MADE GOODS

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Our Sunburn Tint

For Landworkers and Seaside Visitors.

Booklets - - - **8d. & 1/4**
5/- & 10/- per doz. net.

Beware of Spurious Imitations.

PAPIER POUDRÉ, LTD.,
20 Baker St., Portman Sq., London, W.
and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

NEW PAPIER POUDRÉ PRICES.

WHITE, ROSE, or RACHEL Tints, 4d., 6d., 8d., and 1/4 size Booklets, 2/8, 3/9, 5/-, and 10/- per dozen net respectively.

SUNBURN TINT, 8d. and 1/4 sizes only, 5/- and 10/- per dozen net.

REFILLS to MIRROR CASES in WHITE or RACHEL ... ... 2/8 per doz. net
1/4 SHAVING PADS, FOR USE AFTER SHAVING (unscented, white only) 10/- „ „

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa"

NEW PRICES.

ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 1/- each.
8/- per doz. net.

IN MIRROR CASES, 1/4 each, 10/- per doz. net.
REFILLS, 6d. each, at 3/9 per doz. net.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars, 1/2, 2/6 & 3/6 each; 9/6, 24/- & 28/- doz. net respectively.
"POPPŒA" CIRCASSIAN CREAM „ 1/2, 2/6 & 3/6 „ 9/6, 24/- & 28/- „
"POPPŒA" CRÈME POUDRÉ, in Bottles, 1/2 & 3/6 each; 9/6 & 28/- doz. net respectively.

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It is good business to show

POUDRE IMPERIA COMPACTE.

ggest to your DARK tomers *Rachel & Rouge unette* for attractive re- ts, and recommend your AIR customers to buy *ouge, Brunette and aturelle*: the two com- ed produce most artistic ults.

45. In dainty aluminium vanity boxes with puffs, per doz. **7/6**; Retails **1/-**.

47. In dainty gold lacquer vanity boxes with puffs and mirrors, per doz. **10/6**; Retails **1/6—2/-**.

Foreign and Colonial inquiries invited.

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Proprietors:
ixson, Gerrard & Co., Ltd.
lbury, near Birmingham.

Facsimile of Showcard.

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BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS:

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Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniperberry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CINNAMIC ALDEHYDE
GERANIOL
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SICILIAN
LEMON - BERGAMOT
ORANGE - MANDARIN

SPINELLI
The Oils that have a Long Reputation for Quality

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

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Lavington Street, Southwark, LONDON, S.E.1.

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Western Union.

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Telephone: Hop 898.

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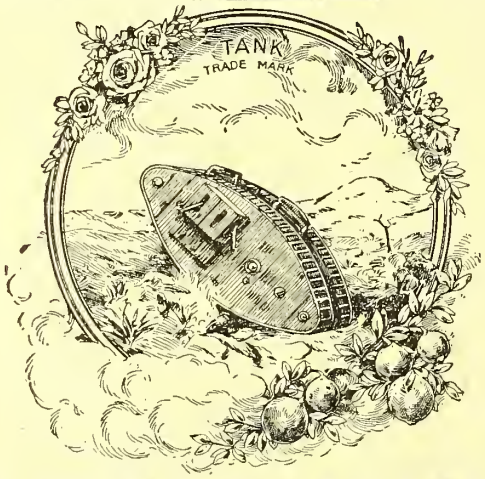

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NEROLI "D'ITALIA"

Pure Sicilian Essential Oils
Terpeneless Essential Oils
The Best on the Market
EXPORTATION THROUGHOUT THE WORLD

Export Agent:
GIUSEPPE MACAJONE, MILAN
Via Canova 25 (Italy)

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ST. THOMAS NEW YORK COPENHAGEN
BAY RUM

The genuine West Indian Bay Rum. The most delicate tonic for the hair, the skin, the bath.

Prompt delivery from the free harbour at Copenhagen, Denmark.

In casks of about 180 litres.

Apply to—
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60 Mark Lane, London, E.C.3.
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UCALYPTOL **CRYSTALLIZABLE**

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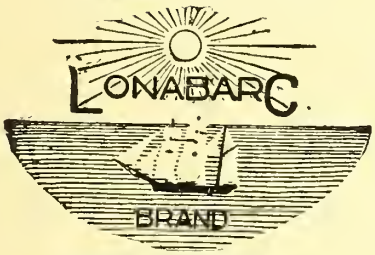

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ESSENTIAL OILS

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The Brand that covers only Finest Quality Oils.

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OIL BIRCH

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Manufacturers of

ESSENCES & PRIE

MATERIALS for MANUFACTURNG

PERFUMERS, CONFECTIONERS
ETC.

SYNTHETICS
ARTIFICIAL VIOLETS
(MYRION)

Artificial Musk

INQUIRIES SOLICITED. LARGE STCKS

ROBERT FERBER, LTD.
98/104 OAKLEY STREET,
LONDON - S.E.1.

Agents or the UNED KINGDO & CANA.

Telegrams:
"Odclon, Edge, London."
Telephone:
Paddington 3333.

Odclon

is

GENUINE EAU DE COLOGNE

Distilled in London from

ORIGINAL FORMULA

of *Johann Maria Farina*

BORN 1685

Acquired by a BRITISH OFFICER whilst serving in Cologne.

Guaranteed "DOUBLE" Eau de Cologne and up to pre-war standard.

Your Representative has not yet called on you, apply direct.
AGENTS WANTED.

Odclon, Ltd.
(A Syndicate of ex-Officers).

43 Edgware Road,
London - - W.2.

British Proprietors of Johann Maria F. Farina, St. Joseph, 1648, Original

Irresistibly Attractive

is AMAMI CACHOU

when displayed on your counter in its dainty box. Delighted habitués say 'tis the only satisfactory mouth-refresher.

Order 1 dozen from your wholesaler to-night, or write for display terms.

PRICHARD & CONSTANCE
(Wholesale), LTD.,
Court Perfumers,
469 HOLLOWAY ROAD, N.7.

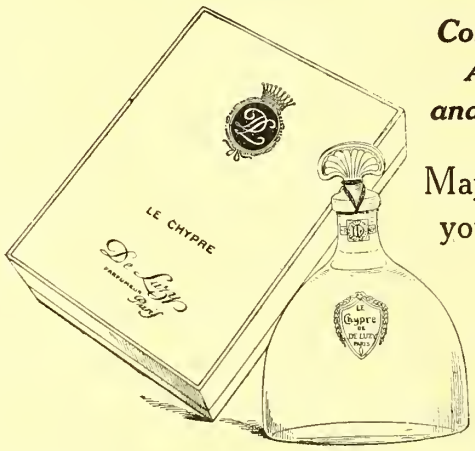
Cables:
"Amamireg London."
Phone: 3170 North.

THE TRADE SLUMP

Our Mr. Leonard Clarke, from South-West England, writes :—

'M——'s assistant told me it was no use waiting for the chief, as three travellers for good perfum houses had called and he had not given them a line. However, I waited—and sold, and ment this as it proves DE LUZY, etc., tempt, even when conditions are most unfavourable.'

A DISPLAY OF "ROSINE" OR "DE LUZ



Compels Attention and Business.

May we send you Terms?

W. H. CALNAN & CO.
30-32 LUDGATE HILL,
LONDON - - E.C. 4.

Cellophane

What Is It?

CELLOPHANE

is a transparent film of pure Cellulose, **absolutely** air, grease, and odour proof, **unaffected** by cold, heat, or moisture, and **sterilisable.**

An **ideal wrapping** for Drugs, Tablets, Bath Crystals, Perfumery, Provisions, Sweets, Surgical Dressings, Articles of Toilet, &c. &c.

Will keep your Goods, Boxes, Bottles, and delicate Labels **clean** on the Counter and in Shop Windows, allowing the Articles to be seen **by transparency**. Can be had colourless, coloured and embossed.

Also in the shape of **Discs** for Creams, Oint ments, Boot Polish, &c.

Prices, Samples and Particulars from

The CELLOPHANE COMPANY
(LECLERCQ & CHARÉRAT),
15 Cullum Street, London, E.C. 3.

WE ARE MANUFACTURES
and IMPORTERS of

CORKS

Quality Guaranteed. Prices Competitive.

MAY WE QUOTE YOU

R. MOORE & SON
18 Camden Grove, Peckham, London, S.E5
Telephone : New Cross 1840. Established

THE ANNUAL

SPECIAL ISSU

OF

THE CHEMIST & DRUGGI

FOR 1920

WILL BE PUBLISHED ON

JUNE 26.

Write to the Publisher for particulars of availa advertising space.

Gibbs 208TH Anniversary

June Sales will Beat all Records

Be Prepared!

JUNE the 10th is the 208th birthday of the House of Gibbs—a fact of which we are justly proud. In commemoration of the occasion we are launching a special Souvenir campaign consisting of the distribution of dainty sets of samples of Gibbs Dentifrice and Dental Cream, Gibbs Cold Cream Soap and Shaving Soap, Gibbs Crystallised Brilliantine and Gibbs Cold Cream Foam in exchange for 3 circulars from our lines.

This offer is appearing in the form of a full front page advt., in the "Daily Mail" on June 10, and as an incentive to quick response we offer free to the first thousand applicants a 10/6 engraving by Raphael. The offer also appears as a full-page advt. in the "Daily Sketch" and "Daily Mirror" wherein the engraving is offered free also to the first 500 applicants. A comprehensive provincial scheme is also embraced as shown in column alongside.

Because each application must be accompanied by 3 wrappers from Gibbs specialities, it naturally follows that a great many sales will be made, as a direct consequence of the advertising—since every applicant will hope to be entitled to the engraving.

For this reason we strongly urge you to see that your stocks of Gibbs Toilet Specialities are right, that you may reap to the full the benefits to be derived from this campaign.

D. & W. GIBBS, LTD.
(Dept. S6)
Cold Cream Soap Works,
LONDON, E. 1

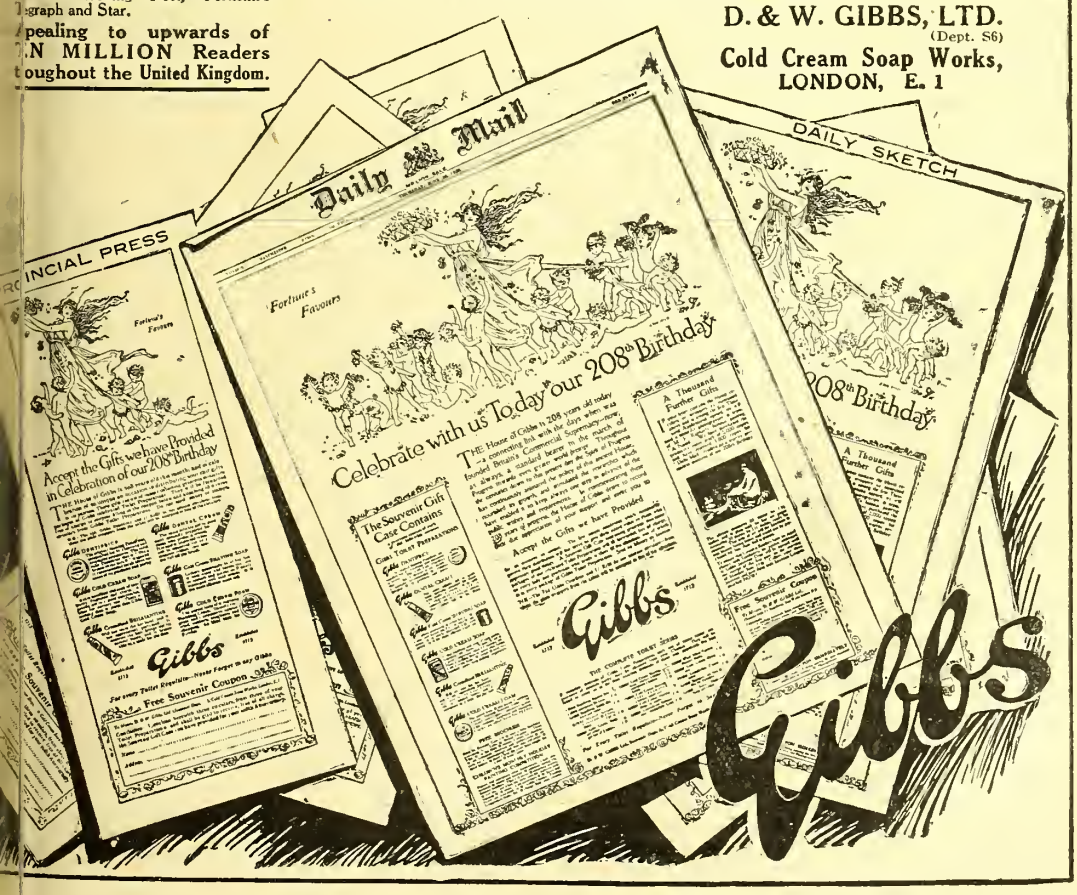
GIBBS June Announcements will appear in the following influential media.

Scientific Press.
British Dental Journal, Dental Record, Dental Practitioner, British Journal of Dental Science, Dental Surgeon.

National Press.
Daily Mail (whole front page), Daily Mirror (whole page), Daily Sketch (whole page), Daily Chronicle, Evening News, Punch (2 colours.) Coming Events, John Bull, Passing Show, Graphic (2 colours).

Provincial Press.
Manchester Evening Chronicle, Newcastle Evening Chronicle, Edinburgh Evening Dispatch, Dundee Evening Telegraph, Cardiff Evening Express, Glasgow Evening Times, Yorkshire Evening Post, Yorkshire Telegraph and Star.

Appealing to upwards of TEN MILLION Readers throughout the United Kingdom.



A. BOURJOIS & Cie, Ltd

66 CARTER LANE - LONDON, E.C.4

Please note that the prices of

Poudre de Riz de Java (Bourjois)

are as under:

2/- size. No. 45		1/3 size. No. 495	
1 doz. -	16/- per doz.	1 doz. -	11/- per do
6 „ -	15/9 „	6 „ -	10/9 „
12 „ -	15/6 „	12 „ -	10/6 „

The P.A.T.A. prices for Java Powder have been increased to 2/- and 1/3 per box.

May 1, 1920.

MOUSLEY'S "BEAVERPUF"

Patent Nos. 4931 and 4932.

The Ladies' Natty Friend.

B. quality Brown Fur, 3/11 each, Retail.

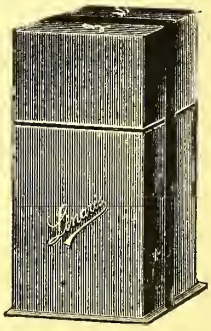
G. quality Grey Fur, 4/6 each, Retail.

Additional Powder Bags, 6d. each, Retail.

Revolution in Powder Puff Manufacture.
Thousands already sold.
Now stocked by leading Wholesale Houses.
Usual Trade Discounts.

Patentee and Sole Manufacturer:

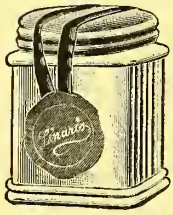
F. A. MOUSLEY,
Priest Bridge, Mortlake, London, S.W.14.



Linars

BATH POWDERS
FACE POWDERS (*all tin*)
SKIN FOOD
BEAUTY CREAM
TONIC CREAM
VANISHING CREAM
BATH SALTS, etc. etc.

Linaris Dept. I 31 Westbourne Gve
W.2.



Think it over!

THESE ARE JUST THE LINES YOU WANT.

"Leona" Series are of top-top quality, beautifully packed, well advertised, give you a good profit, and are on the P.A.T.A.

"LEONA" DENTAL CREAM

(Mint or Thymol)

Small Size ... Cost 4/6 per dozen Sell @ 7½d.
Large Size ... „ 8/- „ „ „ @ 1/3

Recommended by the Institute of Hygiene.

"LEONA" CREME DE BEAUTE

Cost 12/- per dozen Sell @ 1/6

A Delightfully Perfumed Vanishing Cream packed in handsome 2-oz. opal pots.

"LEONA" BRILLIANTINE (SOLIDIFIED)

Cost 8/6 per dozen Sell @ 1/-

Packed in beautifully embossed tins and cartons.

POUDRE "LEONA"

Cost 8/- per dozen Sell @ 1/-

Richly perfumed and packed in gold-blocked boxes.

Every Line is a work of art.

Ask your wholesaler to show them to you, and

YOU WON'T REGRET IT

Manufacturers and Proprietors—
THE JACKSON CO., 172 St. JOHN STREET, LONDON. E.C. 1.

We do not Profiteer

at the Expense of the Retailer.

Push "PERMOL" and make a profit of 33⅓% plus a bonus of 1 doz. tubes per gross.

10/- per dozen post free
Packed in dainty cartons specially arranged for Counter Show.

Guaranteed Absolutely Pure.

PERMOL DENTAL CRÈME

Antiseptic and Cleansing.

The Dainty Dentifrice that will pile up your profits.

FOR Permol PURITY

Registered Trade Mark.

On the P.A.T.A.

Send us a postcard and we will execute your orders in strict rotation.

Special Terms to Wholesalers.

PERMOL PRODUCTS Co., Ltd.

73 HIGH STREET,
LEWISHAM, S.E.13.

All High-Class Chemists should stock

DENTIFRICE LACOST

the well-known Liquid Toh
Cleanser for checking pyorrh
Retail 3/- and 5/- per bot

Also the unrivalled

SAVON DENTAIRE LAC
for cleaning Artificial Tee
Plates.
Retail 2/6 per pot.

Liberal Discount to the Trade.
ATTRACTIVE SHOWCARDS SUPP

Wholesale and Export:

LACOSTE et CI
123a Borough High Street, London, S.
Telephone: Hop 1789.

SALES
ALWAYS INCREASIN

INDIAN PERFUME BRI

KEEPS AWAY MOTH.
LASTING & FRAGRANT.

FOR LINEN CUPBOARD AND WARDROBE.
On the P.A.T.A. *Retail Price 6d*

WANDA TOILET PUMMICE.
WANDA NAIL POLISH.
WANDA ONE-DROP PERFUME.

Of the Makers:
WILLIS, LOW & DRUIFF, LT
33 Percy St., London, W.1.
AND ALL WHOLESALERS.

'he Perfect Paste with the Pleasant Flavour.

Anglodol

Dental Paste

A Perfect Dentifrice.
Pleasant to the taste.
Profitable to the Retailer.

Retail Price, 7½d. and 1/3.

Window display terms on application.

ANGLODOL, LTD., BERKHAMSTED.

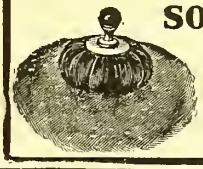
Telephone: BERKHAMSTED 138. *Cables and Telegrams:* "ANGLODOL BERKHAMSTED."

Orange Sticks & Emery Boards

NEATLY BUNDLED and CARDED.
OUR PRICES ABSOLUTELY DEFY COMPETITION.
Let us substantiate this sweeping statement by sending you a Sample Card.

WILLIAMSON BROS.
5 LOWER THAMES STREET, E.C. 3.
Telephone: AVENUE 5827.
Northern Showrooms—
49 Deansgate (*Office No. 7*), Manchester.

PUFFS of ALL KINDS in DOWN and WOOL.



SOLID FACE POWDERS
COMPLETE WITH PUFFS.
Inquires invited by makers.
F. SCHUTZE & CO., Ltd.,
BLACK BULL WORKS,
Caledonian Market, London, N.7.

The Dye with a Reputation for reliability.

ROYAL COURT HAIR DYE

SEVEN SHADES.
1/6 size 12/- doz. 2/6 size 18/- doz. P.A.T.A.
The only dye giving a natural gloss to the hair.
From all wholesalers or direct
J. KNOX-WALKER & Co., Ltd., 422 Kingsland Rd., London E. 8.

WE ARE ACTUAL MANUFACTURERS OF

POWDER PUFFS

Send for Price List of our Special Lines of Wool Pads and Mignonnettes.

WHOLESALE AND EXPORT ONLY.

BRUSSELS. **THEO. VAN DER HEYDEN,**
118-122 HOLBORN, E.C. 1. Tel.: Holborn 1873.

PARIS:
17 Rue de la Grange Batelière.

Enolin

TOOTH PASTE "Strong" or "Mild"

THE SUPER PASTE

"Enolin" is also supplied in Powder Form - 6d. & 1s. Tins

Selling Agents for Provinces, Ireland and Export—
Messrs. PATTINSON & MACKIE, LTD.
Albion House, 59 New Oxford Street, London, W.C. 1.

Sole Manufacturers and Proprietors—
A. & E. CARRERAS, LTD., Perfumers,
207 King Street, Hammersmith, London, W. 6.

Ingram's MILKWEED CREAM

Has been CONSISTENTLY ADVERTISED in the best AMERICAN and CANADIAN PERIODICALS for twenty-five years.

A Medicinal Toilet Cream with a world-wide demand that is rapidly increasing. Two sizes

Prepaid Parcel Post to Great Britain and her Asiatic and African Colonies. Samples and store displays free with every order.

Ingram's Milkweed Cream
" Velveola Souveraine (Face Powder)
" Zodenta Paste for the Teeth
" Rouge, Light, Medium, Dark
" Perfume, 1 oz. assorted in fancy packages

100 Guest-Room Packages free.

Shipped via Parcel Post Prepaid.

Send us with your order the names of 100 of your lady customers, and we will mail each of them a handsome folder, inviting them to call at your store and get our Guest Room Package free, containing one each of the above in sample sizes, including Perfume.

If more convenient to you, specify shipments from our Canadian Plant.

FREDERICK F. INGRAM COMPANY (Established 1885).
411 Lafayette Boulevard, Detroit, U.S.A. Canadian Plant: Windsor, Ont.

Twenty-five years' continuous advertising has made this trade mark known wherever American and Canadian publications are read.

'ZITA' ANTISEPTIC ABSORBENT DUSTING POWDER

THIS WORD 'ZITA' stands for
ZINC OLEATE
INFUSORIAL EARTHS
TALCUM
ACID BORICUM ANTISEPT

This Powder brings Reputation Rapid Sales & Rapturous delight to it's users.

Distinct from any other Baby Dusting Powder.

An Ornament to any Chemist's Counter.

for terms apply to

ANGLO-AMERICAN PHARMACEUTICAL COMPANY LTD.,
Galen Works, 59, Dingwall Road,
EAST CROYDON, (LONDON.)

If you have any difficulty in obtaining the supplies you need of

CALVERT'S

Carbolic Tooth Powder

OR

Calvert's Carbolic Soaps
DISINFECTANTS and other SPECIALITIES,

WRITE TO

F. C. CALVERT & CO.
MANCHESTER - - ENGLAND.

BRADSTREET'S

BRITISH LTD.

(In association with BRADSTREET'S INTERNATIONAL LTD., and THE BRADSTREET COMPANY OF NEW YORK)

presents with SPEED and EFFICIENCY the most reliable LOCAL KNOWLEDGE as to the status of Business houses in EVERY COUNTRY and EVERY MARKET of the World, and is

THE GREATEST INTERNATIONAL MERCANTILE AGENCY under BRITISH CONTROL.

It embodies 70 years' experience and, both for HOME and FOREIGN reports, offers a Commercial Intelligence Service second to none.

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THE EARL OF HARROWBY. | *FREDRIC WISE*
SIR T. H. PENSON. | *E. J. RADCLIFFE.*
General Manager, EDWARD N. LAXTON. | *Secretary, R. CRAMPTON.*

Head Office: 137 CHEAPSIDE, E.C. 2.

For Terms of Subscription, write or 'phone "CITY 1975."

DISTRICT ADDRESSES:

	Phone No.:
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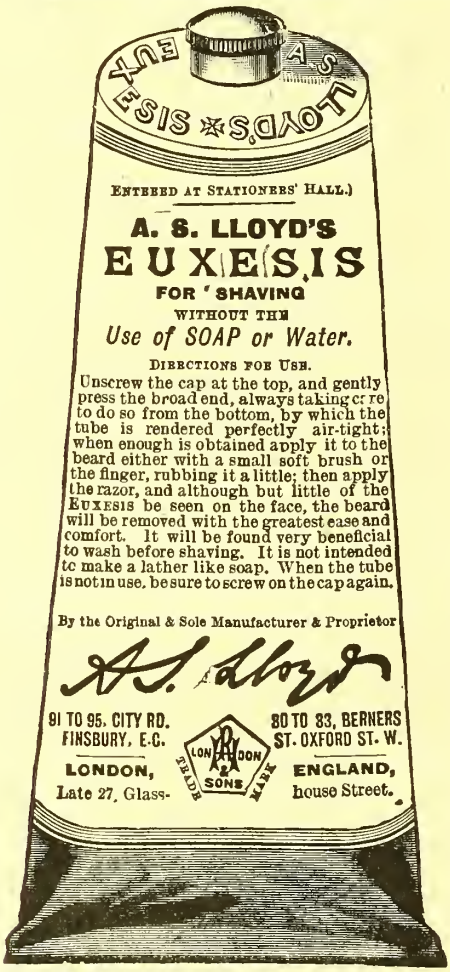
MANCHESTER—26 Cooper Street.	Manchester City 3449.
GLASGOW—90 Mitchell Street.	Glasgow 7938.
BIRMINGHAM—39A New Street.	Birmingham Central 6085.
BRISTOL—28 Baldwin Street.	Bristol 3572.
BELFAST—16 Donegall Square South.	Belfast 276.
LIVERPOOL—Prudential Buildings, Dale St.	——

A. S. LLOYD'S EUXESIS

(THE GENUINE).

For Shaving without Soap, Water, or Brush.



Sold by all Perfumers and Chemists throughout the World.

R. HOVENDEN & SONS having purchased, under an administration suit, the Business of the late A. S. LLOYD, with the Receipt, Trade-Mark, and Goodwill of the celebrated Euxesis, the Trade are cautioned that the original and genuine Euxesis is now manufactured at our Factory ONLY, and may be obtained at either of our Warehouses.

PRICES ON APPLICATION.

NOTICE.—THE GENUINE A. S. LLOYD'S EUXESIS bears a label printed in BLACK only on a Yellow ground, with our Trade Mark at the bottom, as Illustration.

Proprietors: R. HOVENDEN & SONS, LTD.,
LONDON: 29-33 Berners Street, W.; and 89-95 City Road, E.C.

"Newbery"
FRANCIS NEWBERY & SONS LTD

Dental Crea
of Distinctio

IN THE FOLLOWING FLAVOURS—

Formalin & Mint *Carbolic*
Oxygen *Smokers*
Areca *Thymol*
Cherry

A first-class article, attractively pack which cannot fail to bring repeat

CHARTERHOUSE SQUA LONDON, E.C. 1

THE DEMAND O THINULE

the never-failing remedy for DOUB and general OBESITY, is rapidly Other specialities are Thinulene Crea Ointment, Oilene for Infants' Heads for Eyelashes.

Have you got YOUR supply— for particulars to—THE SEWE PREPARATIONS, 37 Berners Stre

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PERFUMERS ! SHORTAGE OF L

Advertisers are prepared to undertake the blending of Tooth, and other Toilet Powders, in large or small lowest possible rates. Good workmansh p and prompelive Ingredients supplied if desired at lowest market price stating requirements.

MARTIN & CO., 71 City Road, Finsbury, London

G. B. KENT & SONS, LD.

Are known the World over a the Largest Manufacturers o

BEST BRITISH BRUSHES

Please write for full Particulars to—

75 Farringdon Road, E.C1.

S. LLOYD'S EUXESIS.

lor Shaving without Soap, Water, or Brush.

CAUTION.

eLabels on GENUINE EUXESIS bear two signatures—
A. S. Lloyd in Black Ink, and that of his Widow,
Aimée Lloyd, in RED. Refuse any other.

Manufacturers and Proprietors: **AIMÉE LLOYD & CO.**

'ANTON STREET (formerly named Spur Street),
HAYMARKET, LONDON, S.W.

-When ordering from Wholesale Houses write LLOYD'S EUXESIS (WIDOW'S).

FACE CREAM. TOOTH POWDER. NAIL POLISH
POWDER. „ PASTE. HAIR CREAM
BRILLIANTINE, Solid and Liquid. PERFUMES
VIOLET POWDER. TALCUM. TOILET OATMEAL.
SHAMPOO POWDER & LIQUID. MASSAGE CREAM

Your own formula prepared, or we can supply ingredients if desired.
Send for samples and quotations.

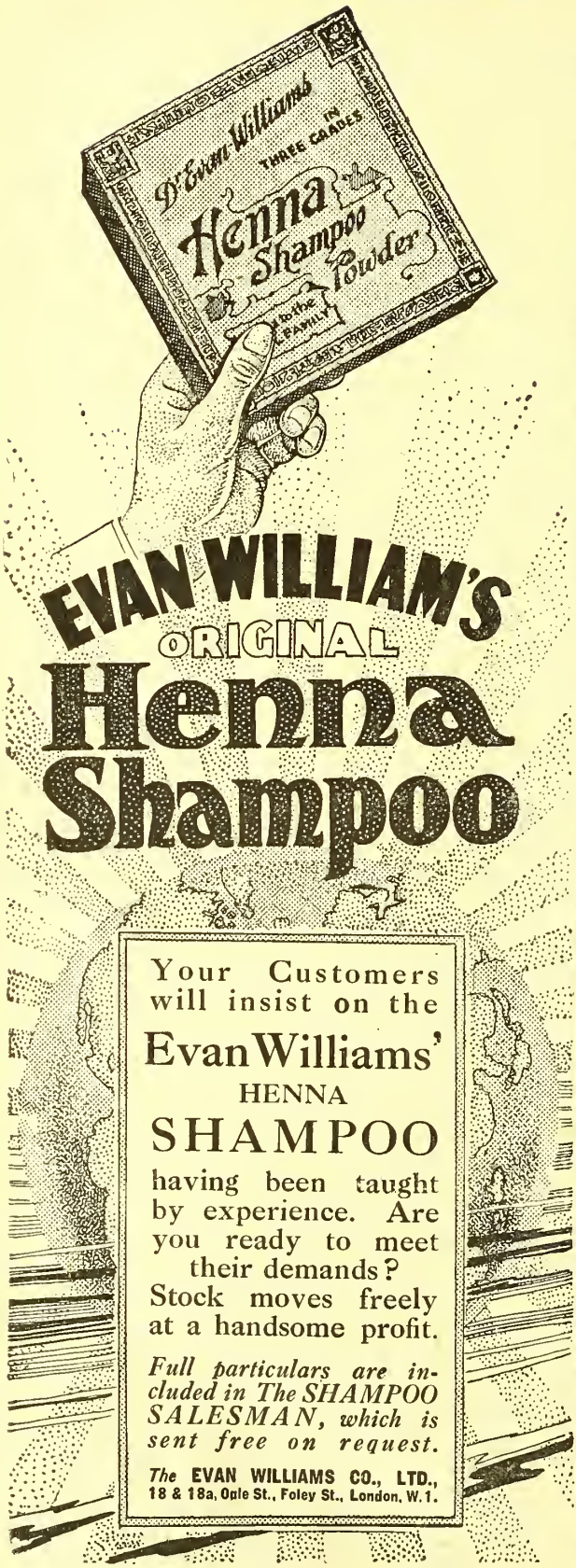
A. CONNELL & CO., 3 Jewry Street, LONDON, E.C.3.
PHONE—AVENUE 1945.

ROURE BERTRAND FILS, GRASSE. *Established 1820.*

LAVENDER (French), SPIKE LAVENDER (French and Spanish)
NEROLI, GERANIUM (African and Bourbon), SANDALWOOD, PETITGRAIN (French and American),
VETIVER (Java and Reunion), ROSEMARY, BOIS DE ROSE FEMELLE, YLANG, &c.
ORRIS CONCRETE and LIQUID.
ESSENCES, SOLIDES and LIQUIDS from flowers. RESINOIDS and POMADES.
We have Stocks in London of the most important Essential Oils and Perfumery Products.

JUSTIN DUPONT, Argenteuil (S. & O.), France
Makers of SYNTHETIC PERFUMES
and some of the finest original odours extant, for Sachets, &c.

SOLE AGENTS FOR THE UNITED KINGDOM:
TEMENS BROTHERS & CO., 2, 5 & 6 Bury Court, St. Mary Axe, London, E.C.3.
Wholesale Houses only supplied.



We offe
You——

Forceful Publicity.
Attractive Showcards.
Handsome Profits.
Goods that Sell.

if you stock Anzora Cream and Anzora Vi —the only preparations to effectually ntr the hair. Write to-day for full partula

NEW TRADE TERMS.

12/- per dozen ... retailed at 1
20/- ,, ... ,, .. 3

FROM ALL WHOLESALERS.

ANZORA

MASTERS THE HAIR

Anzora Perfumery Co., Willesden Lane. London N.W.

"Jackel's Cream

(without Gre)
for THE HAIR
Sold everywh

Established 188

CRYSTALLISED
1/9 CREAM 2/6
Trade Mark attached to each bottle.

"Jackel's Cream" fixes the hair in y desired position; unexcelled as a ssing and does not the headware. It moves Scurf and Dalruff, keeps the scalp Hlthy, and promotes the natural growth of th hair while maintaini its softness and brilacy.

Prices for Wholesale an Export Houses on applicat

Jackel et Cie (o ris) Ltd.
Sauchiehall St t
GLASGOV

CREASING POPULARITY OF "HARLENE HAIR DRILL."

VERY DAY EMPHASISES THE NECESSITY OR MEETING THE PUBLIC DEMAND.

The widespread publicity initiated by the Proprietors of "Harlene" over a number of years and vigorously maintained right up to the present time, in spite of many difficulties and increasing expense, continue to draw an immense response from all parts of the country. Thousands of sample parcels are dispatched daily, thus increasing the number of possible customers to retail stores everywhere.

V YOU A GOOD STOCK OF "HARLENE HAIR DRILL" PREPARATIONS?

NOTE—The Contents of the Free HARLENE OUTFITS Comprise:

1. Trial Bottle of Harlene.
2. "Cremex" Shampoo Powder.
3. A Trial Bottle of "Uzon" Brilliantine.
4. Book of Instructions.

FOLLOW THE TIDE OF SUCCESS.

Watch the great Free Gift Advertising Campaign that brings the Customers to your Shop.

No Chemist or Store can afford to be without this unique line of Toilet Preparations.

"HARLENE" FOR THE HAIR
"UZON" BRILLIANTINE
"CREMEX" SHAMPOO POWDERS
"ASSOL" FOR GREY HAIR
"ASTINE" VANISHING CREAM
"ASTINE" TOOTH CREAM
"ASTINE" SHAVING STICK
"ASTINE" NAIL CREAM

For Particulars, Terms, &c., write to

EDWARDS' HARLENE, Ltd., 20, 22, 24 and 26 LAMB'S CONDUIT STREET : : LONDON, W.C. 1.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP - A complexion soap.	10/-	1/-
PROLACTUM - - For the lips.	10/-	1/-
PARSIDIUM JELLY - For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM - - A hair tonic.	22/6	2/6
CLEMINITE - - For a face lotion.	22/6	2/6
COLLIANDUM - - For a face tint.	22/6	2/6
PERGOL - - - A deodorant.	22/6	2/6
STALLAX - - - For a shampoo.	22/6	2/6
JETTALINE - - For clearing the skin.	31/6	3/6
PHEMINOL - - A depilatory.	36/-	4/-
MENNALINE - - For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL - - - For oily complexions and blackheads.	36/-	4/-
BARSYDE - - - Dandruff eradicator.	22/6	2/6
TAMMALITE - - For grey or faded hair.	22/6	2/6
LIQUID PERGOL - To check excessive perspiration locally.	31/6	3/6
BICROLIUM - - For whitening the hands.	22/6	2/6
HARAPOSA - - - Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
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INDIA:
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SOUTH AMERICA:
DEARBORN, Ltd., Calle Salta 264, Buenos Aires.

ROBARTES, L[illegible]

1 DYER'S BUILDIN(S
Holborn Bars, London, E.C1.

PROPRIETARY LINES

	Per Doz.	P.A.T.A.
DECOLTENE - - - - The Liquid Hair Remover	30/-	3/9
DINKIE - - - - The Dainty Deodorant	20/-	2/6
DIADEM VANISHING CREAM In "snowball" Jars	30/-	3/9
DIADEM FACE POWDER - In six shades	20/-	2/6
DIADEM WAX - - - For the Complexion	20/-	2/6
DIADEM CREME ROUGE - For cheeks and lips	20/-	2/6
DIADEM TALCUM POWDER -	10/-	1/3
DIADEM EAU DE COLOGNE—		
1 oz. - - - -	14/-	1/9
2 oz. - - - -	26/-	3/3
4 oz. - - - -	48/-	5/-
DIADEM LILY-MILK SOAP - Magnum Tablets. Beautifully packed	16/-	2/-
DIADEM BATH SALT CONCENTRATES	12/-	1/6
DIADEM TROPICAL HAIR LOTION Dispels flies and insects	36/-	[illegible]/6
DIADEM "PARFUM SEC" - A powder perfume. In 10 odours	16/-	2/-
DIADEM OXYGENATED BATH SALTS	20/-	2/6

DETERPEX OIL SOLUBLE ESSENC[illegible]
DETERPEX OIL SOLUBLE COLOU[illegible]
For the manufacture of Brilliantines, Toilet Paraffin [illegible]tc.

:: OBTAINABLE FROM ALL :: LEADING WHOLESALE HOUSES

ROBARTES' PREPARATION[illegible]
are largely advertised in all principal papers.

Artistic showcards and counter mat[illegible] free on request.

Write for latest edition of illustrat[illegible] catalogue.

Pears'

great, new Advertising Campaign commences NEXT WEEK.

om June 1st millions of people will be faced, week by ek with advertisements for Pears' Transparent Soap ich will compel their attention. It is an incontrovertible t that good advertising stimulates trade, and the better advertising the greater the stimulation. The new ies of advertisements we are preparing will enormously rease the demand for Pears' Transparent Soap and we l every confidence, in asking our friends in the trade to me their orders accordingly.

A List of widely circulated Daily Newspapers and weekly and monthly illustrated Journals is being used representing a total appeal to

VER 5,000,000 PERSONS PER WEEK

mmencing with the Daily Newspapers we shall gradually this full list for the insertion of attractive advertisements good positions. The soap itself is perfectly matured and ter and more attractive than ever.

A. & F. Pears, Ltd., 71-75, New Oxford Street, London, W.C. 1.

COMBS

Combs are always in demand and the Chemist who displays them gets the Business. Below is a selection of good selling lines—try a few of them.

Ladies' Dressing Combs

No.		Size	Per Doz.
171	White celluloid ...	7 × 1½ in.	6/6
103	Black ,, ...	7 × 1½ in.	6/6
102	,, ,, ...	8 × 1¾ in.	7/6
101	White ,, ...	8 × 1¾ in.	8/-
112	Dove colour, non-inflammable	8 × 1½ in.	8/-
123	Assorted ,, ,,	7 × 1¼ in.	8/-
121	Black celluloid burr grailled ...	7½ × 1¼ in.	13/6
116	Shell ,, ,, ...	7½ × 1¼ in.	13/6
173	Black ,, ,, ...	8 × 1½ in.	14/6
150	White ,, ,, ...	8 × 1½ in.	24/-
106	,, ,, ,, ...	8 × 1¾ in.	27/-

Ladies' Rake Combs

No.		Size	Per Doz.
167	White celluloid burr grailled ...	6½ × 1¼ in.	12/6
117	,, ,, ,, ...	7½ × 1½ in.	21/-
115	,, ,, ,, ...	7½ × 1¾ in.	22/-
174	,, ,, ,, ...	8 × 1¾ in.	27/-
189	Black ,, ,, ...	8 × 1¾ in.	27/-

Gents' Dressing Combs

148	Mottled colour, non-inflammable	5½ × 1 in.	8/-
140	White celluloid ...	7 × 1 in.	9/-
143	Black Vulcanite ...	7 × 1 in.	10/6

Gents' Pocket Combs

163	Special line, assorted, in cases ...		4/6
175	Shell celluloid, in cases	5 × ⅞ in.	9/-
160	Black, non-inflammable	5¼ × ¾ in.	12/-

5% discount allowed for prompt cash off above prices.

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Clinical Thermometers, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Pessaries (Quinine), Rubber Sponges, Splints, Sponge Bags, Tooth Brushes, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, Ltd.

91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

Delphinus

TOILET PREPARATIONS

Face Cream. Dental Cream.
Brilliantine (Solid & Liquid).
Pomade Hongroise. Nail Polish.
Shampoos. etc.

Products of Unvarying Excellence

Prepared by
The Delphinus Mfg. Co.
45 Edward Street, Brighton.
Cables & Wires: Hongroise, Brighton.

Over 100% Profit

We do not pay money in costly advertisements —We prefer to give our clients the benefit of increased profits. Many of our articles produce

OVER 100% PROFIT

SEE SPECIAL OFFER
this week's "Hairdressers' Journal."
Particulars on application.

BE WISE! *Write us* **TO-DAY**

Delphinus
TRADE MARK.

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"CUTEX" NAIL PREPARATIONS

NORTHAM WARREN CO., MONTREAL AND NEW YORK

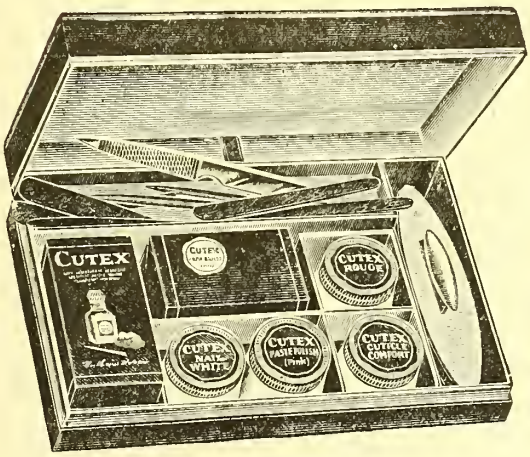
OU ARE LOSING USINESS IF YOU RE NOT CARRYING A FULL STOCK

No. 16 COMPACT SET

"CUTEX" anicuring Preparations

No.		Retail.	Dozen
1	Cutex," The Ideal Cuticle Remover (Small)	2/6	21/6
2	Cutex," The Ideal Cuticle Remover (Medium)	5/-	43/-
4	Cutex " Nail White	2/6	21/6
5	Cutex " Nail Polish Cake (White)	2/6	21/6
6	Cutex " Nail Polish Cake (Pink)	2/6	21/6
7	Cutex " Nail Polish Cake (Trial Size)	1/-	7/-
8	Cutex " Nail Polish Powder ...	2/-	16/-
9	Cutex" Nail Polishing Paste (Pink)	2/6	21 6
10	Cutex" Nail Polishing Paste (Plain)	2 6	21/6
11	Cutex " Liquid Nail Enamel ...	3/-	25/6
13	Cutex " Cuticle Comfort ...	2/6	21/6
14	Cutex " Nail Bleach (Powder)...	2/6	21/6
15	Cutex " Rouge	2/6	21/6
16	Cutex " Compact Manicure Set	4/-	36/6
17	Cutex " Travelling Manicure Set	11/6	93/-
18	Cutex " Boudoir Manicure Set	22/-	186/-
22	Cutex " Nail Polish Stick ...	2/-	16/-
31	Cutex " Cold Cream	2/6	21/6

No. 17 TRAVELLING SET



No. 18 BOUDOIR SET

THESE PREPARATIONS CAN BE OBTAINED FROM ALL WHOLESALE HOUSES

SOLE AGENTS:

IENRY C. QUELCH & CO.

4 & 5 LUDGATE SQUARE, LONDON, E.C. 4

WE ARE THE ACTUAL MANUFACTURERS of the following lines—

DRESSING COMBS
MANICURE SETS
HAIR ORNAMENTS
BRUSH BACKS

(For Brush Manufacturers).

All our Articles are GUARANTEED NON-INFLAMMABLE.

Wholesale and Shipping only supplied.

MYERS, LUMOS & Co.
MANUFACTURERS.

FACTORIES— ISLINGTON, N. FINSBURY PK., N.

SALES OFFICES— 35/6 Aldermanbury, LONDON, E.C. 2.

Phone: CITY 3526 (3 lines).

PERFUMERS'
DRUGGISTS'
AND
CHEMISTS'
SUNDRIES

Write, Phone, or Call.

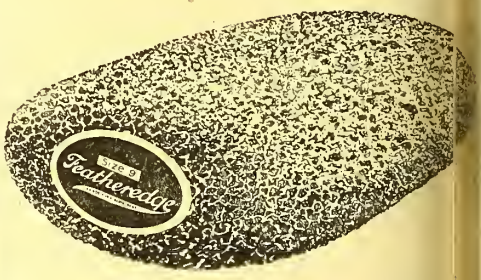
Wholesalers Only Supplied.

A. E. DEPRETER
24 HOLBORN, LONDON, E.C. 1

Telephone: HOLBORN 3182.
Telegrams: "AEDEPRELON, SMITH, LONDON"

Featheredge
TRADE MARK

RUBBER SPONGES



Are durable and do not harde
When used with soap, they mak
a delightful lather.

Obtainable of all Wholesale Druggists' Sundries Houses

MARKT & CO., LONDON, L

American Merchants

SOLE IMPORTERS

98-100 CLERKENWELL RO
LONDON, E.C. 1.

"VEVAX" INDIA RUBBER HOT WATER BOTTLES

BEST BRITISH MAKE

SPECIAL OFFER *for* IMMEDIATE DELIVERY

	per lb.
7/6 per lb., subject	
3 dozen lots in one delivery	**7/3**
12 „ „	**7/-**

Terms—5 % monthly a/c, 6¼ % cash with order. Carriage paid on £5 parcels.

Approximate weights for different sizes—

8 × 6	10 × 6	10 × 8	12 × 6	12 × 8
9 oz.	10½ oz.	11½ oz.	11 oz.	12½ oz.
12 × 10	14 × 8	14 × 12	16 × 10	16 × 12
14½ oz.	14 oz.	17 oz.	20 oz.	22 oz.

We have only a limited quantity to offer at above advantageous terms, and prices quoted are therefore limited to current stock being unsold on receipt of order.

Note.—It is not advisable to sell Hot Water Bottles to customers for immediate use unless they have been manufactured a few months and allowed to settle, therefore *you will not only save money* by purchasing for next season now, but *benefit your customers also.*

Telephone Numbers: Central 4461-4462.

R. J. REUTER

ESTABLISHED 1892.

Tele. Address: "Refreshing, Cent, London." A B C Code, 5th Edition.

Manufacturer of and Dealer in Chemists' Sundries.

Head Office: 69 Carter Lane, LONDON, E.C. 4.

Factory—QUEEN'S BUILDINGS, OLD BAILEY, E.C. 4.

Glass-Blowing Establishment—
ST. ANN'S CHAMBERS, CARTER LANE, E.C. 4.

JOB BROTHERS

GUARANTEED PURE GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

IS THE FINEST OIL PRODUCED

It is perfection in colour, smell, taste and absolute purity. Manufactured from the finest fresh Cod Livers on same day as fish caught.

WHOLESALE ONLY

JOB BROS., Manufacturers, Tower Building, LIVERPOOL

Telegraphic Address: "JOB, LIVERPOOL." Tel.: 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 17

MALT & COD LIVER OIL

Prepared only from the Finest East-Coast Barley, combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 Gross and upwards.

Telephones: Nitshill—Pollokshaws 14 London—Avenue 5661 (3 lines).

PERRY & HOPE, Ltd.

Telegrams: "Perryope, Nitsh" "Perryope, Led, Lon."

NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C.3.

IT is not the turnover but the Net Profit that makes the Chemist happy.

Why not push well to the fore in your window—right under your Customers' eyes, on your Counter—those lines like SANAGEN on which you clear 50% Profit.

Every "nervous" man and woman who enters your shop will soon have cause to thank you for bringing SANAGEN to his or her notice—and they will come to you again and again for more.

AWARDED GOLD MEDAL AT INTERNATIONAL MEDICAL CONGRESS, LONDON.

Sanagen

THE BRITISH NERVE FOOD

Look at this table of sizes, prices, and 50% Net Profit on SANAGEN.

4 oz.	Costs 2/-	Sells 3/-	PROFIT 1/-
8 oz.	Costs 3/4	Sells 5/-	PROFIT 1/8
16 oz.	Costs 6/4	Sells 9/6	PROFIT 3/2

Write for sales-aiding literature and display cards which will help you to clear 50% Net Profit. Sent gratis and post free on application to

THE SANAGEN COMPANY, Ltd.

Sheepcote Lane, Battersea, London, S.W. 11

(Telephone : Latchmere 4363).

The House of BAISS

established in London nearly a century ago, is now one of the fre houses for the Manufacture and Supply of

FINE CHEMICALS
for Medicinal Purposes.

DRUGS.

PHARMACEUTICAL PREPARATIO
of All Kinds.

ESSENCES and ESSENTIAL OIL.

HOSPITAL EQUIPMENT and SURGICAL INSTRUMENTS
etc. etc.

Quotations given, and goods Packed for Shipment to all parts of the Wo d.

PRICE LISTS IN VARIOUS LANGUAGES.

BAISS BROTHERS & COMPANY, Lt

Wholesale and Export Druggists, Manufacturing Chemists and Makers of Surgical Instrumen

Contractors to His Majesty's Government ; the Crown Agents for the Colonies ; va us Foreign Governments ; and the principal Hospitals and Institutions at Home and Ab d.

Grange Works, 174, 175, 176 GRANGE ROAD, BERMONDSEY, LONDON S.E

Drug and Herb Farm : CARSHALTON, SURREY.

The most eminent Physicians and Surgeons prescribe "OPPENHEIMER" products because of their reliability.

"BI-PALATINOIDS"

OF NASCENT

FERROUS CARBONATE (No. 500)

e Standard Hæmatinic. *NO Chemist can afford to be without them.*

Medical men agree that there is no more valuable Tonic Food.

"ROBOLEINE"

Children agree that there is none so palatable.

The Chemist who doesn't maintain his stock of "Roboleine" makes a mistake.

P.A.T.A. PRICES SHOW YOU A HANDSOME PROFIT.

Write for Special WINDOW DISPLAY Terms giving you a Profit of **50** % on your outlay.

"MAGLACTIS"

"The Cream of Magnesia."—*Lancet.*

Neutralises Stomachic Acidity without Evolution of Gas.

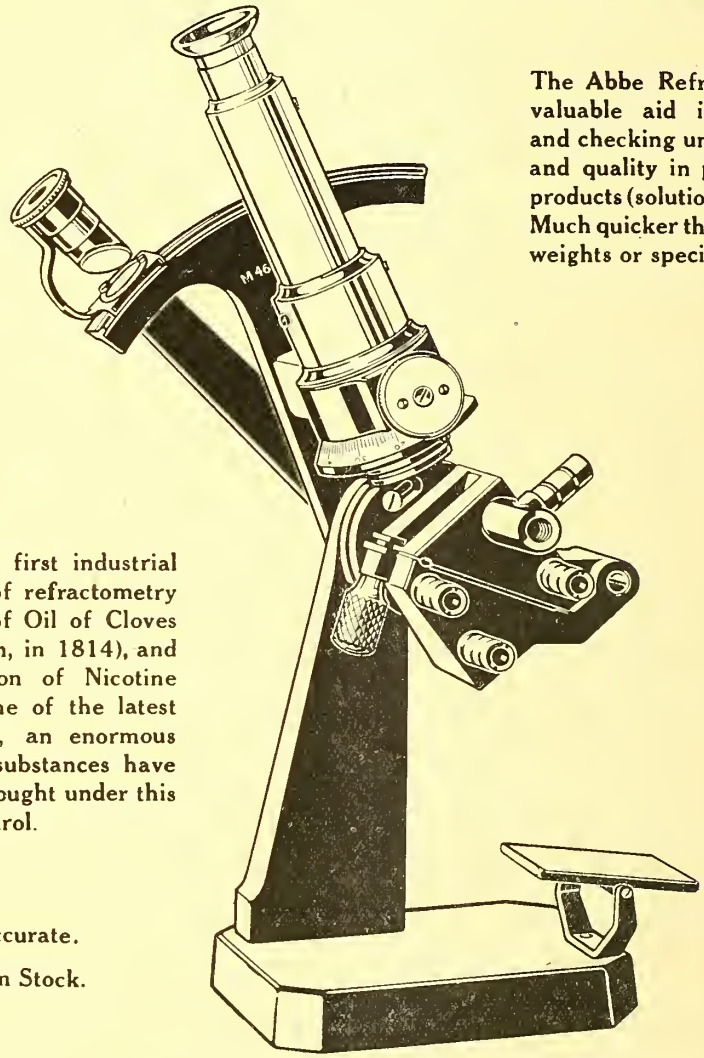
P.A.T.A. Terms yield you a Profit of 35 % on your outlay, and Special WINDOW SHOW Terms **45** %

OPPENHEIMER, SON & CO., LTD.

179 Queen Victoria Street, LONDON, E.C.4.

ntirely British House since Foundation in 1891.

The ABBE REFRACTOMETER



The Abbe Refractometer is valuable aid in maintainin and checking uniform strengt and quality in pharmaceutica products (solutions, syrups, etc Much quicker than taking drie weights or specific gravities.

Between the first industrial application of refractometry (the testing of Oil of Cloves by Wollaston, in 1814), and the estimation of Nicotine by Fryer (one of the latest applications), an enormous number of substances have now been brought under this mode of control.

Rapid and accurate.

Delivery from Stock.

Descriptive booklet on application from the Makers—

ADAM HILGER, LTD

75a, CAMDEN ROAD, LONDON, N.W.1.

WELL WORTH DISPLAYING AT ANY TIME

Now, especially in view of the coming HOLIDAY SEASON,

You are on the right line if you are displaying "Hazeline' Snow"

"'HAZELINE' SNOW"
(Trade Mark)

Attracts the best class of customer and yields a handsome profit

Issued in glass pots at 15/- per dozen (subject)

BURROUGHS WELLCOME & CO., LONDON

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HODGKINSONS'

Compound
SYRUP of FIGS

has a unique reputation in the Drug Trade of the United Kingdom. It is manufactured only by

THE BRITISH DRUG HOUSES,

and is sold by them

IN BULK

and also packed

"READY FOR RETAIL"

in a variety of styles.

May be had in W. Qts. from all Wholesale Druggists, or direct from

THE BRITISH DRUG HOUSES LTD.

22-30 Graham Street, City Road, LONDON, N. 1.

HEMIST AND DRUGGIST

Veekly Journal of Pharmacy and of the Chemical and Drug Trades

HEMIST AND DRUGGIST is in circulation and reputation ournal addressing the Chemical and Drug trades in the ire and other countries in the Old and New Worlds. It organ of the Pharmaceutical Society of Ireland, the d Druggists' Society of Ireland, and of many Chemists' the Overseas Dominions.

bscription Rates. TWENTY SHILLINGS a year payable in advance to any part ld. including a copy of *The Chemist and Druggist Diary.* ons may begin with the first issue of any month. Single post free; *Diary*, 5s. post free. Postal orders and cheques crossed "Bank of Liverpool and Martin's Ltd."

bonnement annuel: le journal une fois par semaine, et l'agenda r an, 20s., franco

uscripción anual: el periódico una vez por semana, y el agenda r año 20ch., franco.

dvertising may be obtained on application to the Publisher FICE: 42 CANNON STREET, LONDON, E.C. 4. hemicus, Cannon, London." Telephone: Central 3617 (three lines).

FFICES: MELBOURNE AND SYDNEY, AUSTRALIA.

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A Revival.

tage, printing difficulties, and other circum- bined to prevent the publication of Special HE CHEMIST AND DRUGGIST during the war. s, therefore, been to concentrate on making issue equal in interest and in business-value war Special.

increase in editorial and advertising prestige e result, but in response to a generally ex- re throughout the trade it has been decided to

ANNUAL SPECIAL ISSUE.

his year the publication date will be

JUNE 26.

ses desirous of making special announcements municate at once with The Publisher, Street, London, E.C. 4, from whom all particu- g available advertising space can be obtained.

ED OIL has been shown to be a satisfactory or linseed oil in the manufacture of paints, d linoleum.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

New Postal Rates.

The Postmaster-General announces that the following new rates for inland parcels, inland letters, and for letters to British possessions and the United States, and the increase of commission on postal orders and money orders will come into operation on June 1:

Inland Letters.—2*d.* for 3 oz.; ½*d.* for each additional oz.

Letters to British Possessions and U.S.—2*d.* for 1 oz.; 1*d.* for each additional oz.

Inland Parcels.—9*d.* for 2 lb.; 1*s.* for 5 lb.; 1*s.* 3*d.* for 8 lb.; 1*s.* 6*d.* for 11 lb.

Inland Money Orders Commission.—4*d.* up to 3*l.*; 6*d.* up to 10*l.*; 8*d.* up to 20*l.*; 10*d.* up to 30*l.*; 1*s.* up to 40*l.*

Postal Orders Commission.—1*d.* up to 2*s.* 6*d.*; 1½*d.* up to 15*s.*; 2*d.* up to 21*s.*

The rates for newspapers and telegrams will remain unchanged pending legislation.

National Health Insurance.

The National Health Insurance Act makes important changes in the benefits and contributions under the Health Insurance scheme, to operate from July 5. The object of the changes is to provide for an increase in the rates of benefits in view of the fall in the value of money. The normal rate of sickness benefit will be raised from 10*s.* to 15*s.* a week in the case of men and from 7*s.* 6*d.* to 12*s.* a week in the case of women; disablement benefit will be raised from 5*s.* a week to 7*s.* 6*d.* for both men and women, and the amount of maternity benefit will be raised from 30*s.* to 40*s.* In order to provide for the increase of benefits the joint weekly contribution is to be increased from 7*d.* to 10*d.* in the case of men and from 6*d.* to 9*d.* in the case of women, of which the employer's portion will normally be 5*d.* in each case. In certain cases where low wages are paid the employer will pay a larger and the worker a smaller portion of the joint contribution. The contribution cards from the week beginning July 5 next must in all cases be stamped at the rate of 10*d.* a week for men and 9*d.* for women; stamps of these values will be on sale at post offices.

House-organs.

The following are among the house-organs that have reached us during May:

"The Triangle" (Prescott & Co., Hulme, Manchester) is planned so as to be of interest not only to the pharmacist, but also to his children. It comprises twelve pages of literary matter, including a serial of school-boy life, a short story, rhymes, and a number of puzzles.

"Ayrton's Supplement" (Ayrton, Saunders & Co., Ltd., Liverpool) is concerned mainly, in the current issue, with a wide range of summer lines. The attractive packings illustrated should materially assist the retailer, and these and other points are worth noting in turning over the pages of an excellently printed booklet.

"Camera House Journal" (W. Butcher & Sons, Ltd., London, E.C. 4) contains brief and pithy notes regarding camera instruction-books, new price-tickets, and several photographic sundries. There is also a photograph of Mr. Fred Butcher, son of the chairman of the company and head of the camera control department. An inset of specimens of mounting-cards is a practical addition to the usefulness of the publication.

"Bubbles" (A. & F. Pears, Ltd., London, W.C. 1) is a booklet of twenty-four pages (8¾ in. × 5½ in.), excellently printed and delightfully illustrated. The issue before us contains full-page portraits of Mr. E. V. Salaman (a director) and of the late Mr. James Burnley, formerly editor of the magazine. There are also photographs of the war memorial tablet recently erected at the Isleworth works and of the entrance hall at the New Oxford Street offices, and other illustrations. The social activities of the staff are a prominent feature of the

paper, which throughout evinces a healthy spirit of *camaraderie*. A page of "Transparencies"—jokes intended for home consumption—is a clever interlude in a very smart publication.

Contracts.

The following Government contracts have been notified:

Admiralty.—*Hard Soap.*—Ogston & Tennant, Ltd.; Price's Patent Candle Co., Ltd.

Ministry of Munitions.—*Calcium Carbide.*—The Phos Co.; Thorn & Hoddle; Alby United Carbide Factories, Ltd.

India Office.—*Electric Cells.*—Siemens Bros. & Co., Ltd. *Surgical Instruments.*—Arnold & Sons; Down Bros., Ltd.; J. H. Montague; J. Weiss & Son, Ltd. *X-ray Plates.*—Kodak, Ltd.

Post Office.—*Electric Cells.*—Siemens Bros. & Co., Ltd. *Voltoids.*—Brunner, Mond & Co., Ltd. *Wood Wool.*—J. & W. Baldwin (Aston), Ltd.

Crown Agents for the Colonies.—*Dental Outfit.*—Dental Manufacturing Co., Ltd. *Drugs.*—Burgoyne, Burbidges & Co., Ltd. *Novarsenobillon.*—May & Baker, Ltd. *Quinine.*—Howards & Sons, Ltd.

H.M. Prison Commission.—*Drugs and Sundries.*—Baiss Bros. & Co., Ltd. *Soap.*—John Knight, Ltd.

Poisonings.

Since our last report the following cases of fatal poisoning have been recorded:

At Lambeth, Sidney J. L. French (29), described as a clerk, committed suicide by taking morphine while of unsound mind.

At Byfleet, Edith Staggs, the wife of a blacksmith, committed suicide by taking lzal while of unsound mind. A medical man, giving evidence at the inquest, stated that although the bottle of disinfectant was labelled as being non-poisonous, it was really a corrosive poison, and deceased must have taken about two ounces for it to have proved fatal.

An inquest was held by the Westminster coroner on May 21 on the body of Dr. Thomas Henry Agnew (49), lately residing in Bedford Place, W.C., who had been found dead in Hyde Park. Dr. Edward Joseph Blackett, divisional surgeon, stated in evidence that Dr. Agnew had the appearance of a man of sixty. There were two tubes of morphine, one in his pocket and the other in a cigarette-case. An autopsy revealed the characteristic signs of morphine poisoning, which was the cause of death. The coroner recorded a verdict of "Suicide while in a state of unsound mind."

Birmingham.

Suburban chemists had many demands for films on Whit Monday.

Suicide is on the increase in Birmingham, according to the city coroner.

The third rat week for Birmingham is to be held from May 31 to June 5 inclusive.

Upwards of a hundredweight of saccharin tablets is to be sold by auction at 136 Edmund Street on June 3.

Summoned at Birmingham Police Court, on May 21, for putting liquid ammonia in her husband's tea, a woman was cautioned and discharged.

Mr. H. O. Lloyd, our new local representative on the Council of the Pharmaceutical Society, has received many congratulations on his success.

Great sympathy is felt locally for Dr. C. B. Johnson, a well-known King's Heath practitioner, who has lost a son, also a medical man, after a short illness.

The Birmingham School of Pharmacy is gaining a high reputation. Local pharmacists are taking a practical interest in it by providing autograph prescriptions and books for a library, while wholesalers are assisting by invitations to visit their works.

In the porch of Moseley Parish Church may be seen a mixture, a tumbler, and a bottle of smelling-salts. Mr. T. W. Lowther, chemist and druggist, who is a sidesman at the church, may possibly know something about the origin of these useful first-aid adjuncts. There a pharmacist who kept a bottle of smelling-s pew at church for five years—and it was never

Liverpool.

Hanover Street resumed full activities on M

The sudden heat during the Whitsun holid a run on salines.

Mr. Harold Wyatt, Ph.C., was one of the s stables recently inspected by Major-General A

The usual risks are to be insured against at connection with the British Pharmaceutical C

Further action to check the sale of methyl as a beverage is contemplated by the authoritie

Dr. E. K. Muspratt, a former benefactor, 5,000*l.* to the University of Liverpool Millio Fund.

Mr. Charles Wherly, 128 Rake Lane, Liscard chosen as the President of the Wallasey Pl Association, in succession to Mr. R. G. Govier.

Mr. W. John Tristram is taking over the W pharmacy of William Burgess, Ltd. Mr. T managing the business pending the transfer of

Mr. John Cleworth, on revisiting Liverpool day, received cordial congratulations upon his President of the Manchester Pharmaceutical A

"Closed all the week for the staff holiday" is notice which is attracting much attention in t area. Needless to say, it does not appear in a window.

"Is the Major Examination of Any Value?" startling title of a paper which Mr. Harold Wy is to read at the British Pharmaceutical Confe J. L. Hirst will contribute "Four Thousand After."

At Liverpool Police Court, on May 21, a y named O'Neill was remanded on a charge of "o to murder a young woman." It was stated i during the hearing that he had boasted of be a gang, one of whom was a "druggist" and h a "bottle" with the object of drugging the victim.

Manchester and District.

A merry party of Ucal chemists and their f Manchester by motor char-à-bancs last Sunda for Cheltenham.

Mr. C. S. Fletcher, chemist and druggist, h to more commodious premises almost opposite Eccles New Road, Weaste.

Mr. R. Whittaker, chemist and druggist, 860 Road, Castleton, has acquired the business o Skirrow, 788 Manchester Road.

Mr. D. A. Cargill, Ph.C., Salford, has rece over the business of Mr. S. Pigott, chemist and Clowes Street, Lower Broughton, as a branch.

Mr. J. P. H. Greenwood, chemist and drugg croft, has taken over the old-established busi T. S. Hamilton, Ellor Street, Salford, which he on as a branch.

Shand & Orr, chemists, Regent Road, Salford, chased the business of Mr. Gordon Smith, ch druggist, Broadheath, Cheshire. Mr. Smith h Mr. Jacklin's business at Hale.

Mr. H. Bellringer, chemist and druggi Broughton, Salford, has recently taken over th of Mr. Hodgkinson, Market Street, Hyde, as Mr. Bellringer also has branches at Blackpool Platting.

The beautiful summerlike weather during has been very acceptable, especially to the and Salford chemists, who, owing to the gener ance of a typical Manchester custom (mos Manchester business houses closing for Whit-w their vacation at this time. Those who cannot make the most of the four half-days on which th of chemists close at one o'clock.

nic to Chester has been arranged by the Manchester ceutical Association for Wednesday afternoon, . Chars-à-bancs will leave Piccadilly at 1.30 P.M., at Trafford Bar to take up passengers from that at 1.40 P.M. An excellent programme has been for an enjoyable outing. Tickets, 17*s.* 6*d.* each, obtained from the secretary or any member of Ladies are cordially invited. Early application is is desirable, and should be made before June 9.

ecently issued report on the war work of the ster College of Technology gives an interesting of the services rendered by members of the in his Majesty's Forces, particularly in connection e Royal Engineers, in the technical branches of al Navy, and in the many fields of scientific opened up by the war. The chemical laboraere engaged during the war in investigating proor the manufacture of explosives, pharmaceutical , dyes, rubber derivatives, and foodstuffs.

Miscellaneous.

LICENCE GRANTED.—Mr. J. M. Williams, chemist ggist, Ashbourne, has had the grant of a wine offonfirmed by the Derbyshire licensing justices.

W-SMASH.—We are informed that the proprietor usiness referred to under this heading in last . & *D.* (p. 66) is Mr. David Foulis, chemist and

r RELAXATIONS.—The Board of Trade (Licensing announce that, as from May 20, 1920, an open licence has been issued permitting the export orphine hydrochloride, cotarnine hydrochloride, rnine phthalate to all destinations with which s allowed.

E COURTS.—The Lancaster County Bench, on fined Mr. David W. Giddings, chemist and drugrecambe, 1*l.* for having failed to produce his ence. It was explained on his behalf that the ad been left at home by inadvertence.—The Norgistrates, on May 25, fined Roland Walmesley, as a chemist's assistant, 2*l.*, with costs, for firing n in the street.

AX IN BRUSHES.—Mr. T. M. Till, secretary of sh Brush Manufacturers' Association, writing to imes" in regard to anthrax-infected brushes,

to the persistent action of my Association the nt has at last been induced to prohibit the entry se shaving-brushes, but it still admits without Japanese throat and medical brushes made from pony hair containing the foulest germs, in spite nger to the health of the community occasioned try of such brushes. No doubt when some people killed through the use of these brushes, either who suck their painting-brushes, or invalids who r throats painted with germ-infected pony-hair he Government will take some steps, but I think e meantime your readers can rest assured that y English-made brushes they will run no chance ng any infection.

ATORS AND PROPRIETARIES.—A resolution was a co-operative congress held at Bristol on alling the Government's attention to the growce to consumers of proprietary articles in the "the Traders' Association" imposing on retailers tion to sell their products at arbitrary prices, ifferentiating against co-operative stores. Some ontended that co-operators should rely only on productions. Mr. Thorpe, general secretary of erative Wholesale Society, said their chemical t had analysed these patent medicines, but y could not supply an article with the exact s they were supplying those that had exactly effect. (Laughter.) The thing required was re laughter was caused when Mr. Thorpe said, believe much in medicine; I never take any."

-years' opium (says a Reuter telegram from hina) monopoly, beginning on August 1, has rded to a Chinese firm at Hong Kong for annually.

Irish News.

Brevities.

At Ballymena, co. Antrim, a man named Thomas John Neely died as the result of poisoning from strychnine, stated to be self-administered.

Miss Cotter, a chemist's assistant at Bantry, was injured recently in an accidental explosion of nitric acid, and it is feared she may lose her eyesight as a result.

At a meeting of the Executive Committee of the Belfast Chamber of Trade, on May 24, Mr. J. J. C. Culbert, Ph.C., hon. secretary, Ulster Retail Drug-trade Association, read a report on the proposed new constitution and rules, with a view to linking up the various sections of the trading community for mutual interest and protection. After discussion the report was referred to the Emergency Committee.

Dublin.

At a coroner's inquest on the death of a man named John Reilly, held on May 19, a verdict of "Death from collapse following corrosive poisoning by hydrochloric acid taken by misadventure" was returned. Evidence was given showing that the hydrochloric acid was not in the type of bottle required under the Poisons Act.

The Aerated Waters Trade Board (Ireland) met in Dublin recently, and after considering the objections that had been lodged against their wages proposal, dated March 8, decided to fix the wages therein proposed, and to ask the Minister of Labour to confirm the rates and make them effective from June 21, 1920. The general minimum time rates fixed are 50*s.* 11*d.* for male workers of twenty-one years of age and over, and 27*s.* 5*d.* for females of eighteen years and upwards, per week of forty-seven hours, with corresponding rates for younger workers. Overtime rates are time and a-half for all hours worked in excess of forty-seven in any week, and double time for work on Sundays and public statutory holidays. A notice containing full particulars of the Board's decision will be issued to all employers in the trade in due course.

Scottish News.

Brevities.

Stirling town council has accepted the tenders of Mr. J. A. Hogg, chemist and druggist, for serums, and that of Mr. Walker, chemist and druggist, for disinfectants.

A correspondent writes: "We are highly gratified that Mr. Alec Keith has vindicated the opposition to the unjust by-law. His return at the top of the poll is a triumph, and a pretty compliment to Scotland."

Edinburgh.

For concealing 8 lb. of opium on board a steamer at Leith a Chinese seaman was fined 50*l.* on May 25.

Mr. A. Boyne, chemist and druggist, has purchased the business of Mr. W. B. A. Blyth, chemist and druggist, Leith.

Edinburgh Pharmacy Athletic Club will hold their twenty-fifth meeting at the Powderhall grounds on June 9.

Dr. J. S. S. Logie, who celebrated his centenary on May 11, took his M.D. degree at Edinburgh University in 1842.

Mr. N. M. Craig, chemist and druggist, Berwick-on-Tweed, has purchased the business of Mr. G. Mackie, chemist and druggist, Minto Street, Edinburgh.

House-to-house vaccination is suggested by Dr. M. Williamson, the medical officer of health for Edinburgh, and he advises the adoption of preventive measures of a "much more heroic and far-reaching type."

A very concise spirit-rebate table has been issued by Duncan, Flockhart & Co. The amount of rebate can be easily calculated, and the records answer the requirements of the Inland Revenue authorities.

Glasgow.

The necessary majority having been obtained in favour of a Glasgow chemists' early-closing order, the measure will be proceeded with on the expiry of the customary month's notice.

At a panel practitioners' meeting held in the Christian Institute lately, a resolution was passed protesting against the proposed restriction to 1,500 of the number of patients on any panel doctor's list.

At a recent meeting of the contracts committee of Glasgow parish council the following tenders were accepted: Dressings, Baird & Bros.; medicinal oils, R. Motherwell & Son; malt extract, W. E. Taylor & Co.; beef extract, Bovril, Ltd.

Mr. C. Gates, Ph.C., St. George's Road, was fined 3*l.* 3*s.* at the Central Police Court, on May 21, for selling camphorated oil which contained 54 per cent. of cotton-seed oil. According to a letter in the "Glasgow Citizen" of May 23, the facts are as follows: "In 1918 Mr. Gates made 60 oz. of camphorated oil, and owing to the shortage of olive oil at that time he had to use cotton-seed oil to eke out the supply. This procedure was allowed during the war, and the society in Edinburgh gave strict injunctions to economise in drugs as much as possible. The oil which he made was perfectly efficient in every way, and contained 2 per cent. more of camphor than is required by the British Pharmacopœia."

The first rink game of the season of the Pharmacy Athletic Club (Bowling Section) was played in boisterous weather on May 18 at Mount Florida Green. Three rinks took part. The following are the skips and scores:

Skip		Skip	Shots up
J. Moir	16	H. P. Arthur	7 = 9
A. G. Sutherland	23	J. T. Simpson	13 = 10
C. B. Lee	26	D. Black	10 = 16

The players in Mr. Lee's winning rink were Messrs. Smith, Thompson, McKenzie, and Lee. The prizes were four pocket wallets, kindly given by Munro, McLaren & Sutherland, druggists' sundriesmen, Cadogan Street.

Poisoning Statistics.

The sixty-fourth annual report of the Registrar-General for Scotland, covering the year 1918, contains the following statistics of accidental and suicidal poisoning fatalities: *Accidental*—Ammonia, 3; arsenic, 2; chloral, 1; formalin, 1; hydrochloric acid, 1; methyl salicylate compound, 1; opium, laudanum, and morphine, 7; oxalic acid, 2; sodium nitrate, 1; strychnine, 3; sulphuric acid, 1; total, 23. *Suicidal*—Carbolic acid, 1; mercuric chloride, 1; morphine, 1; nicotine, 1; potassium cyanide, 1; kind not stated, 1; total, 6. The accidental poisonings are higher than those in the two preceding years (18 and 16), but considerably lower than the annual average since the passing of the Pharmacy Act; the suicidal poisonings are by far the lowest since 1875, when the number was also six. The figures for opium and its preparations, always at the head of the list of Scottish poisons, compare very favourably with the averages for the twelve years 1906-17, which are: Accidental, 14.6; suicidal, 4.3. The accident figures for ammonia, arsenic, and strychnine are above the respective averages for those twelve years—2.1, 0.9, and 2.4. The population of Scotland is estimated by the Registrar-General at 4,886,274; the deaths registered during the year numbered 78,372, equivalent to 16.04 per thousand. The total number of deaths by suicide was 190.

Patenting Chemical Inventions.—Speaking at a recent meeting of the Institute of Inventors, Dr. Alfred Reay remarked that, in dealing with questions relating to the granting of patents in this country, one of the great difficulties had always been that we had had as advisers lawyers and patent agents who had been mainly interested in inventions relating to engineering rather than to chemicals. He felt that patents relating to chemicals ought to be dealt with separately. Most of the difficulties with which British chemical manufacturers had to deal were due to the fact that so few chemists had been consulted in the framing of patent legislation.

Ulster Chemists' Dinne

An interesting function, under the auspices of the Ulster Retail Drug-trade Association (Employers' took place on May 19 in Thompson's Restaurant, when the members entertained to a complimentar Messrs. H. G. Pring (Grattan & Co., Ltd.), W. J and J. C. Culbert, three of the principal officers, niton of their services during their strenuous pt office. Invitations were also extended to the officers of the Dublin Association, three of wh Thomas Robinson, Dr. Walsh, and Mr. W. F. We present. Mr. James Tate, Ph.C., presided. Afte the toast of "The King" was honoured, and t man, in proposing the health of "Our Guests," Pring had done magnificent service for them. M was always ready to do anything he possibly cou they could not have got on at all without Mr. They were all very deeply indebted to these thre men. Mr. Samuel Suffern, ex-President of the Druggists' Society of Ireland, and this year dent of the U.R.D.T.A., also spoke appreciativel work of their guests. The toast was enthus drunk. Mr. Pring, in reply, said it was only w last twelve or fourteen months he had made the ance of a large number of those present. It ha great pleasure to himself and his *confrères* to they could for the good of the cause. Mr. W. J in responding, said that it had been his lot to President during what had been a very strenu Mr. Culbert also replied. Mr. J. A. Bing proposing "Our Dublin Guests," expressed regr absence of Dr. McWalter, the most brilliant in the world of pharmacy. But they delighted to three other well-known servants from the Ea bers of the Federation. The toast was drunk wit siasm. Sir Thomas Robinson, who replied, pra work done by Messrs. Pring, Hardy, and Culbe the last twelve months, and spoke of the present in the drug trade. Dr. Walsh also responded. of "The Pharmaceutical Society of Ireland" posed by Mr. Robert Andrew, who commended th for the even manner in which it conducted its He wished to impress on it the need of develop maceutical education at all points, and it would support of the friends in Belfast in obtaining powers. Mr. W. F. Wells, a member of the ceutical Council, in reply, said that the Pharm Society had done good work and carried out th for which it was founded. Some gentlemen had the Council after promising great things, and fou wards that the Society is bound by Act of Pa It was their desire to do all they could for p He was glad the druggists are coming forward ar their share in the Society. He was one of thos London to oppose the amended Act, and he fough all his power. But when it became law he resol everything possible to help the druggists. He ho would all work together to raise the standard macy in the country. Mr. W. J. Hardy gave of "The Belfast Chamber of Trade," to wh U.R.D.T.A. has been affiliated. The toast hav drunk, Mr. D. E. Lowry, chairman of the Chan Mr. S. D. Cheyne, J.P., chairman of the Execu mittee of the National Chamber of Trade, rep coming the co-operation of the pharmacists and of Belfast. Mr. M'Donald proposed the toast Ulster Retail Drug-trade Association," which sponded to by Mr. Suffern. Other toasts we Chemists' and Druggists' Society of Ireland," by Mr. S. Fleming, responded to by Mr. W. E. "The North Irish Pharmacists' Association," by Mr. W. E. Wilson, and responded to by M Culbert. Mr. H. G. Pring proposed the healt chairman. During the evening a musical progra provided, a feature being the recitation by Mr. son of a few original verses written specially occasion by one of the members, entitled "Th Men."

French News.

(From the "C. & D." Paris Correspondent.)

ROT, Professor of Materia Medica at the Paris Pharmacy, who has just returned from the Sudan, gave his colleagues an account of his nission, which included the study of gum arabic examination of *Cassia acutifolia* and *Cassia*

ILLON, a veteran military pharmacist, has died t Marseilles. Born at Soissons in 1838, he n 1864, entered the army, and spent most of his geria. In 1891, when he was promoted to the principal pharmacist," he was made "Director serve of Medicaments" at Marseilles. M. etired in 1898.

UTIC VALUE OF ARSENIC.—At a meeting of the cal Society, M. Carle said that arsenic had been d for skin diseases, after some hundreds of he commencement of the nineteenth century. stified its use, and the absorption of arsenic oke skin diseases. Arsenic, he maintained, has iorated dermatitis in any form.

ITUTE FOR BISMUTH.—At the meeting of the f Medicine on April 13 (Dr. Laveran presiding), spoke on subnitrate of bismuth. He recom- is salt for gastric complaints (20 grams ng before breakfast). But since the war salts had increased so much in price as to be means of many patients. In such cases he s a substitute, kaolin in the same dose (in an hour before the first meal of the day. A oil might be added if necessary to render atable.

SPECTS OF PHARMACY.—M. Perreau's work on spects of pharmacy has been favourably re- professional journals criticise his views on the dispensing by nuns, a long-standing grievance rmacists. A critic writes that this illegality o principles, equally false: (1) That charity e competence; (2) that the pharmacists' oes not extend to all medicaments. Accord- pharmacists have the right of protest against on accorded by the Courts (so severe for any h of the law by the profession).

MISTRY" HOUSE.—Following the suggestion remises be erected for centralising commercial in Paris, the Society of Chemical Industry emical Manufacturers' Association propose to eir own profession and to endeavour to group ions (technical and scientific societies, trade etc.) all under one roof. Large modern pre- entral Paris, a great central hall, a library, ns and studies (possibly research laboratories), and exhibition-rooms, a typewriting office, , and, of course, central heating, telephone, ity are included in the general idea. A club ganised to bring together the chemical world d the advantages offered by such a "business o the foreign visitor are emphasised.

STISTICS OF MEDICINAL PLANTS" imported into ng 1919, presented by Professor Perrot to ociety of Pharmacy, presumably include the for perfumery, as we notice among the items f roses. Other large quantities are iris (355 grass (127 tons), poppies (sixty-seven tons), (ninety tons), lime-flowers (234 tons), mallow hallow (about 100 tons), liquorice (sixty-two ot (fifty-eight tons), violets (forty-eight tons), -eight tons), valerian (thirty-two tons), sage tons), thyme (twenty-three tons), verveine ns), and orange-leaves (thirty-one tons). ance for the non-medicinal use of part of the popularity of "tisane," or herb tea, is evi- n the wane, but probably few suspected that pular French beverages are made from im-

Colonial and Foreign News

PHOSPHATES IN MOROCCO.—The "Matin" says negotiations are almost concluded with an Anglo-Italian syndicate for the concession of enormous deposits of phosphates which have been discovered in Morocco. M. Victor Camdon, a French engineer, states that they exceed ten thousand million tons, and represent over one thousand million francs.

A FIND OF ATROPINE.—A large number of small bottles containing atropine were recently fished up out of the river Ij in Holland. The authorities succeeded in tracing a number of persons who had found these bottles, and have issued a warning, requesting finders to hand them to the police office. The bottles bore a label with the inscription: 10 gr. Atropinum sulfuricum cryst. Ph.G.V, C. H. Boehringer Söhne, Ingelheim.

ITALIAN ENTERPRISE.—A Royal decree intended to stimulate business enterprise in the utilisation of medicinal plants in Italy, offers one grant of 40,000, one of 10,000, and two of 5,000 lire to those persons or firms which shall, after the publication of this decree, establish a factory, or add a section to their existing works, for the manufacture of medicinal preparations, or of essential oils, from medicinal and aromatic plants growing in the kingdom.

FINLAND'S PRESCRIPTION STATISTICS.—In its April number, "Farmaceutiskt Notisblad," the journal of the Pharmaceutical Association of Finland, gives an interesting table in which the total number of prescriptions compounded in each Finnish pharmacy during the past year is stated. The greatest number, 70,531 prescriptions, is claimed by one of the fourteen pharmacies in Helsingfors, the capital, while the smallest total, 149 prescriptions, was made up in the pharmacy in Miehikkälä.

HOURS OF WORK IN POLAND.—A law regulating the working hours in commercial and industrial undertakings has now been established, fixing the maximum at forty-six hours a week. Certain undertakings, including pharmacies, are permitted to keep open on Sundays for a period not exceeding three hours (up to 10 P.M.). The work done on Sundays is to be followed by a corresponding reduction of the working hours during the week. Overtime is to be remunerated with an addition of 50 per cent., and night duty or work on Sundays and holidays with 100 per cent.

ASSISTANTS IN DENMARK.—As a result of a decision of the Court of Arbitration in the dispute between the assistants and the pharmacy owners, the owners have resolved to grant an increase of one kr. per month for every point by which the index figures of prices have risen since 1919. On this basis the advance will total 31 kr. per month. At a meeting of the assistants' trade union in Copenhagen the council recommended that the offer should only be accepted on the assumption that every krone should be paid in to the strike fund. The question is now to be voted on by the different branches of the union.

STATE PHARMACIES IN SWEDEN.—From 1921 the Swedish Government will be able to exercise control over all the pharmacies in the country. As recently mentioned (*C. & D.*, April 17, p. 52), the Government committee which inquired into the working of the pharmacy system decided in favour of the present system of concessions. It is not yet known what attitude the Government will take up on this point, but judging from a statement made by a Government organ—the "Social-Demokrat"—the Government is not against the idea of a State monopoly. Now Mr. T. Wikander has just laid before the Farmaceut Forbund at Stockholm a scheme advocating the transfer to the State of the entire system of pharmacies existing throughout the country. In his opinion not only should the pharmacies become State property, but the import trade, manufacturing, the wholesale trade, and the research laboratories should be centralised. The scheme has already evoked opposition on the part of the chairman of the Pharmacists' Society of Sweden.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

Cape Province.

In a recent number of the "Cape Times" there were several large advertisements relating to pharmaceutical affairs. One referred to a post for a qualified assistant, another to a chemist's business for sale, and a third invited tenders for the purchase of 24,000 lb. of "Buchu (short leaf variety known as *Barosma betulina*").

New Medical, Dental and Pharmacy Bill.—In the House of Assembly, in reply to a question by Mr. Purcell, Sir Thomas Watt said: "A consolidating and amending Medical, Dental and Pharmacy Bill has been drafted and will be introduced to Parliament as soon as circumstances permit. In view of the state of public business, it is impossible to make any further statement at present."

Business Changes.—Mr. A. D. Reid has purchased the old-established retail business formerly carried on by Petersen, Ltd., and of late years owned by the late Mr. J. S. Loxton in Plein Street, Cape Town.—Mr. A. Dowling has opened a new pharmacy at 31 Adderley Street, Cape Town.—Mr. A. Hoffman has purchased the pharmacy in Roeland Street, Cape Town, carried on for many years by Mr. J. Fick.

Natal.

The quarterly examination of the Natal Pharmacy Board was held in the Technical Institute, Durban, on April 29 and 30. Two candidates presented themselves for examination, one of whom failed, the successful candidate being Mr. S. F. Richards, of Durban.

Business Changes.—Mr. G. H. Goodbrand, chemist and druggist, late of Stranack & Williams, Durban, returned some months ago from active service overseas, and has commenced practice as an optician in Castle Arcade, Durban. Mr. Goodbrand, on resigning his commission, underwent a course of study and received the diploma of F.S.M.C.—Mr. R. P. Gale, who has for some years managed the business of Mr. S. K. Elgie, Durban, has entered into a partnership, the business now being run under the name of Elgie & Gale.—Mr. R. L. Mitchell has purchased from Mr. E. Tyson his branch known as the Marine Pharmacy. Mr. Mitchell was formerly manager of the business.

Pharmaceutical Society of the Orange Free State.

The annual general meeting was held on March 19. There were present Mr. Jas. Reid (President), Mr. F. Carter (Vice-President), Mr. C. Weller (hon. secretary and treasurer), Messrs. Prophet, Abelson, Goldberg, and Taylor (members), and Mr. Lurie (visitor). In reply to the communication of the Transvaal Society *re* the Pharmacy Bill, it was resolved that their resolution should be supported. It was considered, however, that it would be better to have a separate Bill for pharmacy only, and that the Government should be approached on the matter. It was also proposed that the Government should be asked to bring in a Bill consolidating and amending the laws in force relating to pharmacy in the Union of South Africa. Mr. Taylor was elected President, Mr. Prophet Vice-President, Mr. Weller secretary and treasurer. The following were elected councillors: Messrs. Lurie, Carter, Reid, Greenwood, and Jones; also the President, Vice-President, and secretary *ex officio*. Mr. Lurie was unanimously elected a member of the Society. Mr. Prophet proposed that the Society recommends the Medical and Pharmacy Council to grant special consideration in examinations to students who have been absent from business owing to their being on active service. This was carried unanimously. There was considerable discussion as to the arrangements for the examination of candidates for the Pharmaceutical examinations. Mr. Carter acknowledged the the arrangements were bad, but said that Mr. he had been appointed to find better accom possible and supply all necessary wants. thanks to the retiring President was proposed, unanimously.

A general meeting of the Pharmaceutical Soc Orange Free State was held in Vickers Buildi 27. There were present Mr. Taylor (Presi Weller (secretary and treasurer), the member Messrs. Lurie, Carter, Fyfe, Schlenzka, and R Messrs. Kotzen, Crawford, and Shar were also visitors, and were unanimously elected memb Society. There was considerable discussion raising of the subscription to the Society ow increased cost of the *C. & D.* The thi ment, proposed by Mr. Reichenberg, that subscription be 1*l.* 11*s.* 6*d.*, and employés 1*l* carried. There was a long discussion on recip it was resolved that the other Pharmaceutic be written to asking them to urge their Pharm to proceed in the matter. A reply from the M Pharmacy Board was received stating that already giving special consideration to returne Mr. Greenwood's letter declining election to t on account of his impending visit to Europe w with regret, and later Mr. Reichenberg was his place. Mr. Fyfe gave notice of the followi "That the rules of the Society be altered permit of the discussion of all matters of inte trade." Mr. Carter mentioned that general town were exposing for sale cattle medicines poison, and proposed that the attention of the drawn to the fact, as this is against the says that poison must not be sold by gene within six miles of a chemist's shop, and the willing to provide a list of such medicines for th of the C.I.D. if necessary. The secretary was to send a vote of condolence to Mr. Cruicksha illness and express the wishes of the membe speedy recovery.

Importation of Narcotic in Spain.

The sale of narcotic drugs in Spain is regulate Decrees made under several Ordinances, and decree has been issued which is intended t the importation, unless by recognised persons, (including the extract and any residue contai loids), morphine, codeine, heroin, dionin, co salts of these), coca, antipyrin, and all othe of similar action. The minimum quantity of loids, etc., of opium and coca which can be i half a kilogram, which must be in one conta the case of opium, etc., antipyrin and coca, th quantity is three kilograms. Mr. Jas. J. B 124 Apartado de Correos, San Sebastian, Spain, us a copy of the latest Royal Decree, which the Customs authorities to carry out the law to informs us that importations may not be ha in the Custom Houses, to any person but to a tive of one of the Colleges of Pharmacy, or t known to have an open and recognised establi the distribution of such products to pharmacists legitimate users. Persons not coming under gory and needing the products for some legiti mercial end must avail themselves of some agent of by the General Board of Public Health.

Pharmacists in Spain may only sell the narc tioned above for medicinal purposes and in with the prescription of a medical man.

Mr. J. E. W. H. Monk, chemist and druggist, purchased the business of Mr. J. Gale, chemist and druggist, 41 Zion Place, Margate. Mr. Monk has several years' experience as an assistant in the tr

Legal Reports.

leum Jelly Supply.—In the Court of Appeal, 14, Lords Justices Bankes, Scrutton, and Atkin of an appeal by Mr. J. Hertz (trading as Hertz 9 Mincing Lane, E.C., the defendant in an action by Sterns, Ltd., oil merchants, Royal London Finsbury Square, E.C., to recover damages for of an alleged contract dated April 24, 1918, for and delivery by the defendant to the plaintiffs ty barrels of petroleum jelly. The defendant's s that there never was a concluded contract, and tion 4 of the Sale of Goods Act had not been , inasmuch as there was no memorandum of the contract. Mr. Justice Bailhache, who tried the gave judgment for the plaintiffs (*C. & D.*, Janu- p. 72), holding that in the correspondence there ifficient acknowledgment of the contract, though, e Judge, it was a very near thing. The defendant ealed. Lord Justice Bankes, in giving judgment, calling upon counsel for the respondents, said is opinion the view taken by the learned Judge Court below was the right one. Lords Justices and Atkin concurred, and the appeal was dis- ith costs.

ylated Spirit as a Beverage.—At Liverpool ourt, on May 19, John Bain, chemist and drug- ne Street, and William Stanley Atkinson, de- s his assistant, were summoned for preparing g methylated spirit as a beverage. Mr. F. Dart, ecuted, told of the visit to defendant's shop by Villiams, who was served with methylated spirit, ls found to be 31 over proof, showing dilution half strength. Mr. Dart added that Bain must de a profit of about 300 per cent. on the sale iluted methylated spirit. Two hundred gallons had been sold at this shop in eight months, and t would be over 200*l.* per annum. Evidence in f the opening statement was given by Margaret , who stated that after she had taxed Atkinson offence in the shop six women asked for the me by simply putting a bottle on the counter. sergeant added that five of the women visiting ises were known to him as habitual drinkers of d spirit. Mr. Rudd, on behalf of the defen- n, said that his client had been in business for ty years, and this was the first charge brought is character. Mr. Bain was not aware that the d spirit had been adulterated. He had pre- utioned his assistants to be careful in the sale ated spirit. Mr. Dent, for Atkinson, said that had watered the methylated spirit and sold icious persons, as he thought he ought to, be- at not much harm would be done to them. The e fined Bain 50*l.*, with 15*l.* costs, and fined 10*l.* on each of the two informations.

ting Proprietaries.—On May 19, in the ench Division, Mr. Justice Greer heard brought by Mr. Clifford Clinton Crisp, r Tulse Hill, Brixton Hill, against Mr. ead, research chemist, of Highfield Road, Plaintiff, who claimed damages for alleged contract, said that in August 1917 defendant appoint him as sales manager to the Arabian Co. for the marketing of the defendant's medi- ations throughout the United Kingdom, and aid that the defendant did not keep him supplied with the preparations. It was Mr. Eddy, on behalf of plaintiff, that the de- Mr. Curtis Read, was the manufacturer and f medical preparations, and carried on busi- the style of the Arabian Remedies Co. at orks, Lambeth. In 1917, when they were yed at Vickers' Works, Crayford, defendant o the plaintiff the subject of certain medical s in which he was interested, and it was t at the end of the war they should work connection with these. The agreement was contained in a letter in which defendant appointed plaintiff sales manager to the Arabian Remedies Co. for the marketing of the defendant's medical discoveries throughout the United Kingdom. Plaintiff was to receive one-third of the amount of all sales effected by him, and in consideration of plaintiff undertaking to effect total sales of 850*l.* not later than March 31, 1919, or alternatively at the expiration of fifteen months from the signing of peace, whichever period was longer, defendant agreed to give plaintiff one-half share in the goodwill and formularies of the Arabian Remedies Co. There was, however, a provision that if plaintiff failed to reach 850*l.* by March 31, 1919, or fifteen months from the signing of peace, then the agreement was to become void. Defendant delivered to plaintiff in December 1917 certain boxes of ointment, which were sold at 3*s.* a box, including a label duty of 6*d.*, making the net value of the box 2*s.* 6*d.*, and of that amount plaintiff would take 10*d.*, being one-third of the value of the box. From December 1917, when he received the first delivery of boxes from the defendant, up to April 1918 plaintiff in his spare time sold some forty-six boxes, and also distributed as samples certain other boxes. In May 1918 some twenty-seven boxes of ointment belonging to defendant were stolen from plaintiff's house at Brixton. His Lordship: What is this ointment used for? Mr. P. B. Morle (for defendant) said it was effective for neuritis and hæmorrhoids. Mr. Eddy said plaintiff alleged breach of the agreement by defendant. Defendant said the plaintiff undertook to do a minimum turnover of 50*l.* per month. There was no such term, said counsel, in the written agreement. Evidence was given, and the hearing adjourned. When the hearing was continued on May 20, evidence was given by the defendant, Mr. Read, who admitted that in May last year, at an interview, he said to the plaintiff, Mr. Crisp, "I wish to have nothing more to do with you." Witness added that he had put an end to the whole business in July 1918. In reply to further questions, Mr. Read said that he had left Dartford and was now residing in London, and the business of the Arabian Remedies Co. was being carried on as a partnership between himself and another gentleman. Mr. Morle, for the defendant, submitted that the plaintiff's conduct showed an intention to abandon the agreement, and defendant was entitled to repudiate the contract. Mr. Eddy addressed his lordship on behalf of the plaintiff, and, dealing with the question of damages, said that Mr. Crisp had lost his commission on the turnover which he would have received under the agreement. Mr. Justice Greer, in giving judgment, said that the plaintiff claimed damages for breach of an agreement dated October 10, 1917, under which he was appointed sales manager of the defendant's business, which consisted of the sale of Arabian remedies. Plaintiff's case was that in May 1919 the agreement was definitely put an end to by the defendant, and he was, therefore, entitled to damages. The answer of the defendant was that he had not broken the agreement, but that the plaintiff himself broke the agreement. He (the Judge) thought the real truth about the matter was that though the defendant had not definitely put an end to the agreement, he was not at all anxious that the agreement should continue. He could not help thinking that a turnover of 850*l.* would have been done, but it could not have been done without the expenditure of money in the time mentioned, and he thought if he gave judgment for 105*l.* plaintiff would be getting a reasonable sum for his loss. There would be judgment for the plaintiff for this amount, with costs.

Pharmacy Acts (Ireland).—At Lurgan Petty Sessions on May 18 four summonses were brought by the Pharmaceutical Society of Ireland against Mr. Alfred W. Mann, Ph.C., 4 Market Street, Lurgan. The first summons charged defendant with having on March 16 kept open shop for compounding medical prescriptions and failing to employ for such purpose a properly qualified assistant, contrary to the provisions of Section 17 of the Pharmacy Act (Ireland), 1875, Amendment Act, 1890. A second summons charged a similar offence on March 17. A third summons charged the defendant with having on March 16 kept open shop for the sale of poison and

failing to employ for such purpose a properly qualified assistant. A fourth summons charged a similar offence on March 17. Mr. John Graham, solicitor, Belfast, appeared to prosecute on behalf of the Pharmaceutical Society, and Mr. Hugh Hayes, solicitor, defended. Mr. Graham said the case was brought under Section 17 of the Pharmacy Acts of 1875 and 1890. Mr. Mann himself was a chemist, and he could dispense medicines himself, but, in order to comply with the law, when absent from his shop he must have a properly qualified assistant remaining to carry out his work of filling prescriptions. He would ask the Bench to impose such a penalty in that case as would prevent Mr. Mann, or any other chemist, from conducting business in such a loose way—without a qualified man when he was absent from the shop. Mr. Patrick Butler, an inspector of the Pharmaceutical Society, deposed that he visited the premises of the defendant on March 16 with a prescription from Dr. Deeny. The assistant, Walter Baxter, made it up. On the following morning witness went into the shop again and asked Baxter to compound a similar prescription from Dr. Deeny. Witness watched Baxter doing so, and paid him 2*s*. 6*d*. Witness also purchased laudanum and oxalic acid from Baxter. Mr. Hayes pleaded "Guilty" on behalf of Mr. Mann to retailing poisons without having same compounded by a qualified man; and with regard to the first charge, for selling and retailing mixed poisons, his client was bound to admit the offence; but it should be stated that in the shop at No. 4 Market Street a properly qualified man—a Mr. Kerr—was employed. Unfortunately, on the day in question when the inspector called Mr. Kerr was not in the shop. Mr. Kerr had been fifteen years in the trade, and was a thoroughly qualified man. On the morning of March 17 Mr. Kerr was not in when the inspector called, and the prescription was compounded by the other assistant, Baxter. Mr. Mann, the defendant, was in the other shop in Market Street at the time. He (Mr. Hayes) could assure the Bench that the offence was not committed deliberately by his client. The Court fined defendant 40*s*. and 20*s*. costs on the summons for keeping open shop for compounding on March 16, and a similar sum and costs on the summons for selling poison on March 17, one-third of the penalty to go to the inspector, and two-thirds to the Society.—At the Belfast Police Court on May 19, before Mr. George McElroy, R.M., and Mr. J. L. Thomas, the Pharmaceutical Society of Ireland prosecuted Mr. Alfred W. Mann, Ph.C., 7 Donegall Square North, Belfast, for keeping open shop on March 15 for compounding medical prescriptions and failing to employ for the purpose a properly qualified assistant. Mr. John Graham appeared for the Society, and Mr. John S. Osborne represented the defendant. In opening the case Mr. Graham said defendant had also two shops in Lurgan, and in order to comply with the Act of Parliament he would either have to be in all three shops—which was a physical impossibility—or employ qualified assistants. On March 15 an inspector went into the shop at Donegall Square North with a prescription from Dr. James Graham, City Coroner, and in the presence of the inspector an assistant named McCann, who was unqualified, compounded the prescription. The Society regarded the offence as a serious one, but he thought it only right to point out to the Court that Mr. Mann was fined at Lurgan the previous day for practically the same offence. The defendant's shop in Belfast was situated in one of the fashionable districts of the city. Defendant had written to the Society admitting that he was at fault and explaining the offence as best he could, but he (Mr. Graham) did not think the case had been improved, for the Society had carefully investigated the explanation and found that what was stated in the letter was incorrect. Defendant said he had purchased the shop about five or six months ago, and that Mr. Boyd, who had originally owned the business, had agreed to stay on. Mr. Boyd, as a witness for the Society, would contradict that statement. Inspector Patrick Butler told the Court that McCann, an assistant, dispensed the prescription and charged 2*s*. for it. Mr. Osborne, entering a plea of "Guilty," said defendant recently purchased the premises from Mr. Boyd, and Mr. Mann's principal business was carried on in Lurgan. While admitting that McCan not hold the Irish diploma of a registered pharmace chemist, he held what might be equally as good, or pe better, a Colonial diploma, which would not allow h compound in Ireland. Defendant would undertake the future to employ a qualified man. Defendant would had a qualified assistant only for the recent che strike. A man he was about to employ was debarr the strike from entering for the last examination. instructions that defendant gave to McCann were if he got a prescription to compound he was to take Mr. Boyd. Unfortunately for defendant, McCan not obey the order. Mr. Graham said it was only to state that immediately the summons was defendant wrote to the Society pleading "Guilty." chairman announced that the penalty would be 40 20*s*. costs in one case only, adding that one-third fine would go to the inspector and two-thirds to Society.

Employers' Property in Recipes.—Judgmen given by Lord Blackburn in the Court of Sessi Edinburgh, on May 22, in an action in which Walker & Sons, Ltd., manufacturing chemists, Street, Bridgeton, Glasgow, sought to have it de (1) that Robert Kego, 18 Stirling Drive, Rutherglen no right or interest in the trade-marks Eusalax, Eu Voodoo Sauce, Eusalitz, Salitz, and Hederv, and these were the property of the plaintiffs; (2) tha entries in the Register of Trade-marks in the name defendant of those trade-marks were made without cient cause and wrongly remained in the register (3) that the entries should be altered by substituting names for that of the defendant, or that each entries should be expunged from the register. The defendant was employed by the plaintiffs as from March 1912 to November 1918, and the trade in question were names used to designate certain tions manufactured and sold by the plaintiffs. Th parations were composed by the defendant either result of experiments made by him while in the plaiffs' service or from recipes known to him before he e their service. The names were suggested by the def to the plaintiffs for their approval, and were adop them, but the registration of the names was through by the defendant without the plaintiffs' ledge or consent. The plaintiffs spent large su money in advertising these preparations, and one of —namely, Eusaline—became popular, and was large quantities. On leaving the plaintiffs' serv defendant claimed that he alone had the right to facture and sell Eusaline and the other preparation that the plaintiffs were not entitled to do so. Lord Blackburn, in the course of a considered judgment, s did not think it was doubtful that if it was p the defendant's duties as manager to devise new tions, and to do his best to encourage the sale of su parations to the public, then apart from any special ment between him and his employers, all right and in the preparations prepared by him while in their would be vested in his employers and not in hi But the circumstances under which Eusaline came prepared, and this was the only drug in the case real value, appeared to his lordship to make the te of the defendant's original engagement of less impo than they might otherwise have been. There doubt that he was instructed to prepare it as part service, and that he then asked for and obtained the plaintiffs permission to make use of that and recipes prepared by him for them after leaving the vice. At the date of the defendant's engageme plaintiffs dealt in a laxative prepared and sold under the name of "Health Salts—Crown Brand." was largely composed of Epsom salts, which in became exceedingly difficult to procure owing to ditions, and the defendant was instructed in the course of his duties to endeavour to provide a substitute for Health Salts by the use of other This resulted in the composition of two prepar which were described in the evidence as winte

r drinks respectively, and which eventually were ned Eusalax and Eusaline. The defendant seemed e considered this a good opportunity to ask for a his salary, and he also seemed to have been aware f he prepared the recipes for these substitutes for aintiffs as part of his ordinary duties and without ecial agreement with them, he would not, on leavir service, be entitled to take the recipes with him nake use of them in any way. He accordingly had ing in September 1915 with two of the directors, a result he received a letter dated September 24, n which the directors agreed to advance his salary lded, "We also agree to allow you, should you ur service, to take with you any recipes that may rs should you desire this." This statement was on by the defendant as an express recognition plaintiffs that all recipes prepared by him while service were his property, and that on his leaving ervice he was to be entitled to take them with him, at thereafter the plaintiffs were to have no right n. His lordship did not think this was a fair uction of the letter, and the words "recipes that e yours," to which the defendant attached great nce, appeared to his lordship to mean no more recipes which you may have prepared for us during mployment." No instructions were given to the ant as to the registration of either Eusalax or e, but in February and March 1916 he registered his own name. He claimed that the letter of ber 24 justified him in doing so. Thereafter, on endant's suggestion, the plaintiffs spent considerms of money in advertising both these drugs, and rch 1919 Eusaline had become so successful that emselves decided to register the title. On taking o get this done they, for the first time, discovered e defendant had forestalled them three years The defendant depended on the fact that the s did not dismiss him when they discovered that registered the names as showing that the drugs e names were his property, which they were only to use so long as he was in their service. His thought it was only the undoubted risk that under sting circumstances they might be unable to replace hich prevented the plaintiffs dismissing the nt before 1919. His lordship thought the nt was fully aware of the difficulty the plaintiffs experience at that time in finding a successor to d that that accounted for his repeated demands his salary raised. Before he left the plaintiffs' he was being paid 400*l.*, with a percentage of 2½ s sales of Eusaline and Eusalax, in addition to a nus of 200*l.* for the year 1918. By September e situation was somewhat altered, and the direcok steps to bring matters to a head, and that in the defendant asserting his claim to be sole or of the recipes and their titles. The plaintiffs d his claim, and the defendant resigned his situaNovember 1919. He had now started business on u account, and advertised himself as sole proof Eusaline, and claimed that the plaintiffs were itled to manufacture or sell the drugs under the egistered by him. No question was raised in the to the right of the defendant to use the recipes in of the permission given in the letter of Septem1915, or as to whether that permission extended use by the defendant of the names under which parations were now known. But his lordship had the conclusion without any doubt that the names ves, which were chosen by the plaintiffs and were ed and made popular by them, were their own , and he accordingly granted decree in terms of two declaratory conclusions, and found in terms third conclusion that the entries should be exfrom the register. Defendant was found liable

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ious Charity.—Lady, returning empty bottles to ist: "If those are worth anything to you, just sum to the —— Infirmary."

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Petrosine Co., Ltd. (P.C.).—Capital 6,000*l.* Objects: To take over the business carried on in Leeds as the "Petrosine Co.," to acquire the trade-mark "Petrosine" from H. Dunderdale, and to carry on the business of paint and varnish manufacturers, chemical merchants, drysalters, oil and colour men, etc. Solicitors: Lupton & Fawcett, Leeds.

Joshua Gibson, Ltd. (P.C.).—Capital, 10,000*l.* Objects: To take over the business of manufacturers of and dealers in furniture cream, floor, metal, and boot polish, baking powder, varnish, etc., carried on by J. Gibson at Shakespeare Street, Manchester. The first directors are J. Gibson and R. J. M. Gibson. R.O., Shakespeare Street, Ardwick, Manchester.

Taylor Gibsons, Ltd. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of chemists, druggists, dealers in chemicals, surgical and optical materials and appliances, etc. The first directors are: J. H. Taylor (managing director) and Elizabeth A. Taylor, 54 Highbury, Newcastle-on-Tyne. R.O.: 52 Stowell Street, Newcastle-on-Tyne.

Pangon Chemical Synd., Ltd. (P.C.).—Capital, 21,000*l.* Objects: To enter into an agreement with C. Goodman to manufacture and deal in "Pangon" medicines and preparations, etc. The first directors are: Lieut. J. Sheldon, Walton Holme, Clifton Road, Lee-on-the-Solent, and R. E. Wood, 123 Drayton Road, North End, Portsmouth. R.O.: 13 Lion Terrace, Portsea.

H. S. Willcocks & Co. (Chemicals), Ltd. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of indigo importers and of general merchants in dyes and chemicals, and to enter into an agreement with H. S. Willcocks & Co., Ltd., Manchester, and the liquidator thereof. The first directors are: H. S. Willcocks, F. H. Lowe (secretary), and A. G. Willcocks. R.O.: 5 Beaver Street, Manchester.

British Dyestuffs Corporation, Ltd.—The annual meeting was held at the Milton Hall, Manchester, on May 20, Sir Henry Birchenough, Bart. (the chairman), presiding. In moving the adoption of the report and accounts, the chairman said: "The British dye industry to-day is really large and important, and its output exceeds the total consumption in this country before the war. Moreover, the output is almost entirely based on British-made materials and intermediate products. We have made a big beginning, and we shall endeavour to fulfil completely the task which we have set ourselves, by establishing a British dyestuffs industry which will adequately meet the requirements of the industries of which we are in effect the servants. We are working steadily to our programme, our production and the variety of our output is being gradually extended, and we look forward to the time when supply will adjust itself to demand. It would be foolish on my part to suggest that until that time arrives the great consuming industries of this country and of the British Empire should not be allowed to avail themselves of supplies from other countries, supplies which I hope will diminish in quantity and variety as the company's output increases. I am sure, however, that there is no one who would not view with the very greatest misgiving the re-establishment in this country of those alien organisations uprooted during the war, which we believe were a menace in peace and which have proved themselves to be a real danger in war. While foreign supplies may be necessary for a time, I think we have a right to ask in the national interest that such supplies shall only be imported under some system which will guarantee that the danger of complete or partial foreign monopoly shall not reappear. The fear of the danger of their revival is by no means illusory. The unexpected Sankey judgment

has rendered possible for the moment free importations of dyestuffs from Germany. Already representatives of German firms are making offers to dye-users, and it is said are taking a large number of orders. It is true that the actual deliveries are relatively small, but an effort is being made to re-establish the old connections. In view of the definite promises which were made by Ministers in the House of Commons that this great national key industry should be given a reasonable period during which it could take root and establish itself on a sure and permanent basis, we have a right to look to his Majesty's Government for the immediate fulfilment of their promises, and there is not a moment to be lost. In my opinion, those promises can only be effectively fulfilled by the prohibition of foreign imports of dyestuffs except under licence. I am aware that the working of the widespread licensing system rendered necessary by the war has made the idea of licensing unpopular, but there is no reason that I know of why it should not work smoothly and satisfactorily in this industry if the users of dyes will co-operate and determine to make it work. What is wanted in the national interest is a system of control under which the requirements of dye-users will be properly met, while the danger of any return to complete or partial dependence upon alien sources of supply will be guarded against. The report and accounts were adopted, and a dividend at the rate of 8 per cent. per annum declared on the preferred ordinary shares.

Gazette.

Partnership Dissolved.

Wild, J., & Salthouse, R., 307 Oxford Road, and 26 High Street, Plymouth Grove, Manchester, pharmacists, under the style of Wild & Salthouse.

Wills.

Mr. Edward George Leece Marsden, chemist and druggist, Alderley House, Flixton, Lancs, who died July 6, left estate of the gross value of 4,013*l.*, with net personalty 2,219*l.*

Mr. Edwin Fowler, chemist and druggist, 1 Beechwood Crescent, Burley, Leeds, who died on March 4, left estate of the gross value of 1,767*l.*, with net personalty 1,695*l.*

Mr. George Cheavin, Sydney House, Skirbeck, Lincoln, founder of the Cheavin Filter Co., Ltd., who died on February 23, left estate of the value of 65,410*l.*, with net personalty 45,061*l.*

Mr. George Holden Holdroyd, 72 West End Avenue, Harrogate, formerly a director of Clayton, Holdroyd & Co., Ltd., manufacturing chemists, who died on February 27, left estate of the gross value of 3,616*l.*, with net personalty 3,256*l.*

Mr. Sigismund Kutnow, Nutley, Fitzjohn's Avenue, Hampstead, London, N.W., chairman and managing director of St. Kutnow & Co., Ltd., and of Kutnow Brothers, Ltd., who died on March 26, left estate of the gross value of 42,774*l.*, with net personalty 37,004*l.* The testator left 500*l.* to his wife, all his share and interest in S. Kutnow & Co., Ltd., and Kutnow Brothers, Ltd., upon trust as to one half for his wife for life, and subject thereto, the whole to his son, Henry Sigismund Kutnow, and he left the balance of his property upon like trusts for his wife and son.

West Indian Limejuice.—There is no general improvement in the outlook for lime cultivation in the island of Montserrat, says the annual report on the Leeward Islands for 1918-19. The production of raw juice was approximately 142,277 gals., compared with an annual average of 147,587 gals. for the previous five years and 222,025 gals. for the period 1909 to 1912 inclusive.

Drug-workers' Strike Ended

The drug-workers who were on strike as a protest against the adverse award of the Industrial Court have returned to work unconditionally. The business houses concerned were Evans Sons Lescher & Webb, Ltd., Liverpool and London, and Burroughs Wellcome & Co., Dartford. The strike notices which were tendered in some other houses have in most cases been withdrawn. The word "unconditionally" has since been challenged in the public press.

The strike of the drug-workers in Manchester has been declared "off," the ballot taken being against the strike.

Ayrton, Saunders & Co., Ltd., Liverpool, call out attention to an incorrect statement made last week (p. 70). The company state :

"On Thursday, May 13, a portion of our workers gave notice that they were to cease work at the end of the week. This notice, however, was withdrawn on the following day (May 15), and all came to work the following Monday without interruption, and have continued at work this week. A notice was issued to all our employés with their wages on Friday, May 14, and, in our opinion, may have had a good deal to do with the withdrawal of the notice of strike, which withdrawal was decided upon on Saturday evening after business hours, and notified to one of our directors by telephone on the Sunday. There was no interruption of work here at all."

The notice referred to was a statement of the association showing that a strike would be contrary to the agreement made by the Warehousemen and General Workers' Union. It was also stated that the decision to cease work was not officially sanctioned by the Union, and the notice concluded : "The directors . . . desire to point out that business will open as usual on Monday next, and they rely upon all loyal members of the staff to endeavour to carry on as usual."

Bankruptcy Report.

Re G. E. Newton & Co. (George Edward Ellis Newton, trading as), 74 Great Tower Street, London, E.C., chemical merchants and exporters. This debtor again attended at the London Bankruptcy Court on May 20, before Mr. Registrar Francke, for public examination upon accounts showing total liabilities 7,627*l.* 12*s.* 9*d.* (unsecured 2,090*l.* 13*s.* 4*d.*), assets valued at 17*l.* 17*s.* 9*d.*, and a deficiency estimated at 2,082*l.* 12*s.* 3*d.* The failure was attributed to loss of business through shipping restrictions, to the Government control of chemicals and to the stagnation in trade following the Armistice (*C. D.*, May 15, p. 50). Mr. Vyvyan, Official Receiver, reported that the debtor had furnished the additional accounts ordered by the court, and he had no further questions to put. The examination was concluded.

Mr. F. P. Pick, Ph.C., President-elect of the Bury chamber of trade, referring to the recent conference of the chambers of trade at Bournemouth, said that he was particularly struck by the high type of man representing every chamber of trade in the country.

Oddfellows and National Insurance.—Addressing the annual conference of the Manchester Unity of Oddfellows at Leamington on May 24, the Grand Master said that one of the changes brought about by the Insurance Act had been that the old relation between the doctor and the members had been rudely shaken. It had become a mere business transaction, and the principal object of the medical profession seemed to be not what could be done to relieve suffering or to help the sick ones, but how much could be got out of the transaction in pounds, shillings, and pence. The remuneration fixed by the Insurance Act in pre-war days was liberal enough in all reason, and the results were soon seen in the doctor's expenditure. It was rare to-day to find a doctor who did not possess his own motor-car. This was as it should be, but was the service given equal to the price paid?

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

WHITSUNTIDE RECESS.

House of Commons adjourned on May 20 until

GENERAL MEDICAL COUNCIL BILL.

memorandum attached to the Direct Representatives General Medical Council Bill states that under the Act, 1886, the term of office of the direct representatives on the General Medical Council is five years; the Act does not contain any provision by which elected to fill a casual vacancy should continue in office for the residue of the term of office of his successor, the result has been that, instead of one general election of direct representatives being held once in five years, elections of individuals as direct representatives are now occurring at irregular intervals. As the expenses of an election of a single representative amount almost to as much as elections of several, the burden on the Council of expenditure on elections has been increased. The object of this Bill is to remove this. The Bill also removes the obligation to fill a vacancy which occurs less than twelve months before the date of the next general election, and extends the period for holding an election. In many cases only one candidate is actually nominated, but the shortness of the period after the present has been received from the Registrar makes it necessary to prepare for a contested election immediately, whereby a considerable expense is often unnecessarily incurred.

EXPORTS OF INDIAN OPIUM.

Mr. Montagu, in reply to Mr. Gilbert's questions on cultivation in India (*C. & D.*, May 22, p. 75), gave the following table regarding exports of opium and:

Nature of Final Destination	Quantity (in Chests)					
	1913–14	1914–15	1915–16	1916–17	1917–18	1918–19
Private Account.						
Bombay	115	498	199	—	—	—
... ...	105	80	65	80	60	70
Straits Settlements ...	1,537	755	605	239	385	152
Japan	3,821	1,000	734	450	450	545
Portugal (including Hong Kong and Macao)	90	—	—	—	—	—
... ...	150	—	—	50	—	—
... ...	799	900	1,080	963	971	1,936
... ...	—	—	—	200	—	—
Italy	875	2,690	2,035	3,440	3,050	3,440
... ...	3,265	2,650	1,835	1,965	1,800	2,400
... ...	1,130	2,000	1,700	1,200	1,650	1,750
Portugal	—	—	—	—	20	130
Other Dependencies	19	23	65	120	15	42
... ...	—	245	460	—	—	—
Other countries	—	15	8	3	7	2
Total	11,906	10,856	8,786	8,710	8,408	10,467
*Government Account**						
Bombay ...	—	—	—	—	3,051	2,400
Subject to the Colonies of Hong Kong, Straits Settlements and other Indian Governments	—	—	—	—	5,194	4,411
Total	—	—	—	—	8,245	6,811
Grand Total	—	—	—	—	16,653	17,278

* *Rupees.*—Exports on Private Account: 1913-14, 1914-15, 1,76,34,585; 1915-16, 1,47,01,840; 1916-17, 1917-18, 2,40,77,345; 1918-19, 3,12,90,750. Exports on Account: 1917-18. 3,69,76,492; 1918-19, 4,20,15,975. of opium on Government account were not separately previous to the year 1917-18.

PROFITEERING ACT DEPARTMENT.

Mr. G. Balfour, on May 20, asked the President of the Board of Trade whether he is aware that the Controller of the Profiteering Act Department is making inquiries for information as to the constitution, membership, and methods of companies which are completely outside the scope of the Profiteering Act; that the whole of the information desired is on public record or could be obtained by a junior clerk by reference to the publications usually available in any business organisation; whether he is aware that the paper issued by the Controller in making the inquiry included an envelope measuring 15 in. by 10 in. for a reply, and weighed 1½ oz.; and, in view of the great shortage of paper at the present moment, what steps does he propose to take to stop this extravagance?

Mr. Bridgeman replied: Section 3 of the Profiteering Act, 1919, imposes upon the Board of Trade the statutory duty of obtaining from all available sources information as to the nature, extent and development of trusts, companies, firms, combinations, agreements and arrangements having for their purpose or effect the regulation of the prices or output of commodities or similiar objects. In order to carry out the provisions of this section, a circular was addressed to organisations throughout the country considered likely to be able to furnish the necessary information. In a large number of cases it could certainly not have been obtained, or not obtained completely, in the manner suggested by my hon. friend. As the replies must in many cases be accompanied by copies of agreements, reports, and possibly numerous bulky documents, a large addressed envelope was enclosed for the convenience of the organisations concerned. The desirability of economy in the use of paper was fully borne in mind.

THE RENT RESTRICTION BILL.

The anxiously awaited Increase of Rent and Mortgage Interest (Restrictions) Bill was introduced in the House of Commons immediately before the Whitsun recess. The Bill, which consolidates and amends the law with respect to the increase of rent and recovery of possession of premises, carries out almost entirely the recommendations of the Committee whose report was fully dealt with in the *C. & D.*, April 24, p. 93. The Bill is, of course, framed upon the lines of the original Act of 1915, which, with the amending Acts passed in 1919 will be repealed when the Bill becomes law. In addition to the increases of rent which have hitherto been permissible in respect of structural improvements and higher rates, the Bill sanctions a general increase of rent by an amount equal to 15 per cent. of the net rent, and a further increase of 25 per cent. of the net rent in cases where the tenant is not under any express liability for repairs. If the tenant is liable for part of the repairs, then the amount of the latter increase will be proportionately reduced. The object of the 25 per cent. increase is, of course, to compensate the landlord in some measure for the higher cost of repairs, and both this and the 15 per cent. increase may be suspended by the Court upon the ground that the house "is not reasonably fit for human habitation, or is otherwise not in a reasonable state of repair." While retaining the old expression "standard rent," with which we have all grown familiar, the Bill introduces the new term "net rent," which means the standard rent after deducting any rates paid by the landlord. It will be noticed that the Bill accepts the Committee's recommendation of a maximum rent increase of 40 per cent., but not the suggestion that the increase should be effected in two stages by allowing an immediate advance of 30 per cent. and a further increase of 10 per cent. at the end of twelve months. The Committee's recommendations in regard to recovery of possession of premises by a landlord are embodied in the Bill practically *in toto*, including the important qualification that "alternative accommodation" must be reasonably equivalent as regards rent and suitability in all respects. The Bill applies to any house or part of a house let as a separate dwelling where either the standard rent or the rateable values does not exceed 105*l.* in London, 90*l.* in Scotland, and 78*l.* elsewhere, which are the higher limits suggested by the Committee. A point of long-

standing uncertainty is cleared up by the Bill, which provides that the application of the restrictions to a house shall not be excluded by reason only that part of the premises is used as a shop or office or for business or trade purposes. The fact that the Bill provides no protection for the occupiers of premises used solely for business or trade purposes has naturally occasioned widespread disappointment and disatisfaction, and it is to be hoped that the Government will at an early date legislate separately in this connection, as suggested by the Committee. The Bill, when passed, will continue in operation for three years.

The Profiteering Act.

Complaints.

Dover.—At a recent sitting of the Profiteering Committee a complaint against Timothy White Co., Ltd., in respect of a charge alleged to have been made for a liniment (with bottle) was dismissed, the complainant failing to appear. Mr. R. Mowll, who appeared for the respondents, said he was sorry he had not the opportunity to explain the matter. He should like to mention that Messrs. Timothy White had sent one of their directors from Portsmouth in order to give an explanation.

East Ham.—At a recent sitting of the Profiteering Committee a complaint brought against H. S. Hankinson, Ltd., Romford Road, E. 12, respecting the price of a box of throat-tablets, was dismissed.

Stepney.—At the sitting of the Profiteering Committee on May 25, a complaint was heard concerning a charge of 3*s*. 3*d*. for a bottle of Veno's Lightning Cough Cure, the respondent being Mr. Harry Jones, chemist and druggist, 41 Burdett Road, E. 3. The case was defended by the Chemists' Defence Association, Ltd. It was explained for the respondent that the item was ordered by the holder of a "soap club," whose purchases were subject to a discount. A refund of 3*d*. was ordered.

Prosecution.

At Old Street Police Court, London, on May 26, before Mr. Cairns, Mr. Lewis Walter Hawkins, Ph.C., trading as J. Beedzler & Co., 20 Norton Folgate, E. 1, was summoned at the instance of the Stepney Profiteering Committee for alleged profiteering in a sale of boric acid (*C. & D.*, May 15, p. 48). Mr. Young, solicitor, appeared for the Committee; Mr. Walter Frampton, barrister (instructed by Neve, Beck & Kirby, on behalf of the Chemists' Defence Association, Ltd.), defended. Evidence of purchase was given, and the assistant clerk to the Committee described the Committee's method of procedure. After some discussion on the different methods of estimating profits, the case was adjourned to June 2.

At a recent meeting of the Society of Glass Technology, Mr. C. J. Peddle, who is scientific investigator for the Derby Crown Glass Co., Ltd., said that in the matter of optical glass we could not only meet our own requirements, but had become the world's suppliers.

Colour-Advertising Society.—A society, admitting only artists of proved ability to its membership, has been formed for the purpose of improving colour-advertising. The President (after whom the Society is named) is Mr. A. H. Sands, the Vice-President Mr. John Hassall, and the secretary Mr. Peter Morrison. The address is 10 and 11 Bishopsgate Street, London, E.C. 2.

A Lost Opportunity.—Reference was made in our notice of this year's Royal Academy Exhibition (*C. & D.*, May 8, p. 62) to certain pictures that suggest advertising possibilities. In "Reynolds's Newspaper" of May 16 it is related that the painter of a certain Academy picture has been approached by a manufacturer of toilet compounds, who wants the painting for advertising purposes. His offer has been indignantly refused by the artist, though he is not likely to get half the price named from a private purchaser.

Birth.

Norman.—At 695 St. Helens Road, Bolton, on M the wife of F. J. Norman, M.P.S., of a son.

Marriages.

Pocock—Brown.—At St. Paul's Church, Mo mingham, on April 7, Harold Edward Pocock 341 Rookery Road, Handsworth, to Henrietta of Mr. John Brown, Moseley.

Ward—Thompson.—At St. George's Chur Street, London, W.C. 1, on May 20, Stanley son of the late Mr. Henry Ward, Park Road S bourne, to Marjorie Emily, younger daughter Lewis Thompson, chemist and druggist, Folkest Dover.

Deaths.

Bowyer.—At North Street, Midhurst, on Ma Charles Henry Bowyer, chemist and druggist, a two. Mr. Bowyer carried on business in Mid many years. He recently sustained the loss of was on active service in the Royal Air Force.

Moores.—At 84 Beckett Road, Wheatley, on May 8, Mr. Samuel Gordon Moores, chem druggist, aged thirty-four.

Picken.—Recently, the widow of the late M Picken, chemist and druggist, Newport, Shropsh Picken died last autumn (*C. & D.*, 1919, p. 12 1900 his business has been carried on by his son, Picken, chemist and druggist, for whom much sy felt in his twofold loss.

Ross.—Recently, Mr. William N. Ross, in bu many years at 111 Main Street, Uddingston. disposed of his pharmacy in 1913 to Mr. David chemist and druggist.

Stone.—On May 5, Mr. I. Frank Stone, forme dent of the National Aniline and Chemical Co., Slip, New York, aged fifty-three. Mr. Stone active in the affairs of his company until early when he suffered a nervous breakdown as a result work in dealing with the dye shortage. It wa through his efforts that the amalgamation of th kopf, Becker, National Aniline, and Benzol Pro interests, to form the present National Ani Chemical Co., was accomplished.

Turner.—At Worthing, recently, Mr. Char Turner, chemist and druggist, late of Anderson chemists, Worcester, aged fifty-eight. Mr. Turner, who was born at Wick, Worcestershire, served his apprenticeship to Mr. Thomas Chase, Ph.C., Birmingham, and gained further experience at Bath and with Squire & Sons, Oxford Street, London, W. He qualified in 1885, and a few years later acquired the business of Anderson & Virgo, which was established in Foregate, Worcester, in 1806, and still has in its books recipes, dating fr for dentifrices prepared for Royalty. Ten year took into partnership his nephew, Mr. G. A. F.C.S., chemist and druggist, who had been his for some years previously. Mr. C. W. Turner r the early part of last year, his nephew becoming

Mr. C. W. Turner

or of the business, which now includes two s. In the autumn his health began to fail, and in er he underwent a serious operation, from which, , he recovered to some extent. For the last two e months he had been confined to his bed. Mr. was a member of the Worcester city council from 1914, and was a prominent Freemason. He gave l faithful service as a churchwarden in the parish Nicholas, and was actively associated with the ter City and County Pharmacists' Association. es a widow, a son, and a daughter.

Personalities.

D. T. Evans, J.P., chemist and druggist, Margate, n elected a Vice-President of the Margate Fishing

T. J. Woodcock, chemist and druggist, Great Yar- has been elected Vice-President of the local defence association.

Norman Godfrey Bennett, L.D.S., has been ap- a member of the General Medical Council in on to Sir Charles Tomes.

Charles Lye (Thos. Tyrer & Co.'s City repre- e) has this week completed the fiftieth year of ndance on London 'Change.

W. S. Tavener, Mayor of Guildford, who is a chemist, has been elected a Vice-President of ldford Chamber of Trade.

T. J. Murray, M.Sc., F.I.C., has been appointed the chemical and metallurgical department of the ampton technical school, at a salary of 400*l.* per

R. G. McMillan, who has been manager for many f Savory & Moore's pharmacy at Chapel Street, e Square, has joined the directorate of H. J. & Co., Ltd., manufacturing chemists, 37 Railway Blackburn.

Charles Gerrish, manufacturers' agent, Cape is now in this country, and may be addressed thall Bros. & Barclay, Ltd., Birmingham. Mr. , who has not visited England for ten years, will here until August.

ohn Anderson, chairman of the Board of Inland e, has been appointed an under-secretary to the eutenant of Ireland. He was a clerk in the office National Health Insurance Commissioners before , and became a secretary of the Ministry of Health e Commission was absorbed by the new Ministry.

Henry M. Lloyd, chemist and druggist, 28 Vic- reet, Merthyr Tidfil, the newly elected President of the South Wales and Monmouthshire Federation of Pharmaceutical Associations, is a son of the late Mr. Henry Lloyd, a Dowlais veterinary surgeon. He was educated at Dowlais and at Merthyr Tidfil College, and served his apprenticeship to Alderman R. P. Rees, High Street, Dowlais. After studying at the Westminster College of Pharmacy, where he took a medal in botany, he qualified in 1894. Further experience as an assistant followed, and in the course of a few years Mr. Lloyd iced business in Merthyr on his own account. hen he has become a well-known figure in the life of the district; in 1913 he was elected Mayor thyr, and held office simultaneously as President Merthyr Tidfil County Borough Chemists' Asso- He has been a Vice-President of the South Wales Federation since its inception in 1917. Mrs. Lloyd shares in her husband's social gifts, and is, in addition, the possessor of the Belgian "Médaille de la Reine Elisabeth"; and all their children have distinguished themselves at college, three holding University degrees, and the fourth being a promising undergraduate.

R. H. M. Lloyd.

Mr. E. G. Phillips, M.I.E.E., A.M.I.Mech.E., who has been for the past twelve years chief engineer with Boots Pure Drug Co., Ltd., has opened offices as a consulting engineer at Queen's Chambers, King Street, Nottingham. On May 21, Mr. T. S. Ratcliffe, general manager of Messrs. Boots, in the presence of over one hundred employés, presented Mr. Phillips with a handsome secretarial desk as a parting memento and a mark of the esteem in which he is held.

Monsieur Paul Kestner has been awarded the medal of the Society of Chemical Industry for the year 1920 in recognition of his services to chemical industry. Monsieur Kestner became a member of the Society in 1893, and shortly before the Armistice gave an interesting address to the London section on "The Alsace Potash Deposits and their Economic Significance in Relation to the Terms of Peace" (*C. & D.*, 1918, p. 895). He was one of the founders and the first President of the Société de Chimie Industrielle in France, which was established in 1917. He has spent several years in England in the course of his career.

Mr. John Cleworth, pharmacist and photographer, the newly elected President of the Manchester Pharmaceutical Association, is the proprietor of a successful business at 56 Ducie Street, Greenheys. Mr. Cleworth's career in pharmacy began with a three years' apprenticeship with Mottershead & Co., Exchange Street, Manchester. Experience as an assistant followed, at Leamington and elsewhere, and the Qualifying examination was passed in 1901. After a time spent as manager at Portobello, in the Potteries, and in Manchester, Mr. Cleworth bought his present business, which was founded in 1869 by Mr. Atkinson, and was subsequently owned by Mr. Richard Twemlow and by the late Mr. H. B. Pare, Bolton. Personal attention and the originality shown in pushing the photographic department have converted the pharmacy into one of the most interesting in Manchester. Mr. Cleworth's popularity extends far beyond the boundaries of his adopted city, and readers of The Chemist and Druggist hardly need to be reminded of the brilliant work that he has done for the past thirteen years at the annual meetings of the British Pharmaceutical Conference. "What Sir Benjamin Stone was to the British Houses of Parliament, John Cleworth is to the British Pharmaceutical Conference," wrote the late Mr. Peter MacEwan in 1914. During the whole period of the great war Mr. Cleworth was the official military photographer for the Manchester area, and in that capacity availed himself of the exceptional opportunities afforded for assembling a unique collection of photographs, one result of this activity being the cheering of hundreds of dull lives in military hospitals by means of lantern lectures. It will be remembered that last January Mr. Cleworth showed many of these slides to the Manchester Association, of which he has been a member of Council for many years, as well as a member of the Manchester Insurance Committee. His services have been in frequent request as a lecturer before other societies in the district, and it is a fitting recognition of his untiring work in more than one field that he has been elected to the highest office in one of pharmacy's most important associations.

Mr. J. Cleworth.

Trade Notes.

TELEPHONE CHANGE.—The Caravel Co., 110 Cannon Street, London, E.C. 3, announce that their telephone numbers have been altered to City 5078 and 5079.

SACCHARIN TABLETS are offered by C. R. Harker, Stagg & Morgan, Ltd., Devon Wharf and Bell Wharf, Mile End, London, E. 1, who are specialising in this product.

AN EXHIBITION OF PHOTOGRAPHS in natural colours, on paper by Raydex process, may be seen in the Drug and Photographic Department of the Haymarket Stores, 28 Haymarket, London, during the next fortnight.

QUIN-QUENNA POSTER.—Thos. Christy & Co., 4, 10 & 12 Old Swan Lane, Upper Thames Street, London, E.C. 4, send us a copy of a very effective poster (29 in. by 22 in.) for Quin-Quenna. Chemists holding stocks of Quin-Quenna may have a copy for the asking.

FALCONER'S GOLDEN COMPOUND.—The price of this proprietary is to be advanced to 2*s*. on July 1. The manufacturers state that the reason for giving a long notice is to enable retailers to reduce their stock of the old-price article.

AMAMI CACHOUS.—For the first time since the war, Prichard & Constance (Wholesale), Ltd., perfumers, 469 Holloway Road, London, N. 7, are able to cope with the demand for Amami cachous. The cachous are very attractively boxed.

GIBBS' ANNIVERSARY.—The 208th anniversary of the foundation of the business of D. & W. Gibbs, Ltd., Cold Cream Soap Works, London, E. 7, is to be commemorated by a Press campaign in which sample sets of the company's products are to be offered to the public.

ODCLON.—A syndicate of ex-officers has started the manufacture of eau de Cologne under the style of Odclon, Ltd., 43 Edgware Road, London, W. 2. The company is stated to be employing a formula for eau de Cologne acquired by a British officer while serving in Cologne.

AYRTON'S SHAMPOO.—Ayrton, Saunders & Co., Ltd., Liverpool, send us a sample of their "cocoanut oil" shampoo, which is put up in sprinkler bottles enclosed in cartons. It is a pleasant-smelling spirituous liquid, and yields a good lather with water. The retail protected price is 2*s*. 3*d*.

HYGEX TOILET PREPARATIONS.—Hygex Ltd., 14A Atlantic Road, Brixton, London, S.W. 9, advertise in this issue a series of preparations appealing to wearers of artificial dentures. Hygex mouth-wash removes unpleasantness from the mouth, Hygex artificial teeth and plate powder is for cleaning dentures, and Hygex Ivy Powder is for uses where dentures fit too loosely.

JOHNSON'S METOL.—Johnson & Sons, Manufacturing Chemists, Ltd., 23 Cross Street, Finsbury, London, E.C. 2, inform us that a rumour has been widely circulated to the effect that they have been importing metol. Such, however, is not the case, and as manufacturers of pure metol they have had no necessity whatever to import. For some years past they have been able to make sufficient to meet all the demands of the home and export trade, and large buyers would do well to inquire their prices.

FULFORD GOODS.—We referred some time ago to the policy which is being adopted by large manufacturers in abolishing the small size of stamped proprietary articles owing to the impossibility with the present rates of duty of allowing adequate profits to the trade. C. E. Fulford, Ltd., Leeds, are carrying out this policy in regard to Bile Beans, Peps, and Ker-nak pills. Zam-buk is reserved for future treatment according to the success achieved with the other stamped articles. The retail prices of Ven-Yusa cream and soap and other toilet articles have been altered, the full list being given in the company's advertisement in this issue. The paragraph regarding new price labels should be noted. The revised prices come into force on June 1.

Coming Events.

Monday, May 31.

Royal Society of Arts, John Street, Adelphi, London, W. 2, 4.30 P.M. Mr. Albert Howard, Imperial Economic to the Government of India, on "The Improvement Production in India."

Wednesday, June 2.

Pharmaceutical Society of Great Britain, 16 Bloomsbury London, W.C., at 11 A.M. Council meeting.

Thursday, June 3.

The Chemical Society, Burlington House, Piccadilly, W. 1, at 8 P.M. Papers on "Studies in the Camphane Part XXXVIII., The Cyanohydrazone of Camphor by M. O. Forster and W. B. Saville; "Arsenic Acids from Guaiacol and Veratrole," by R. G. Fargher; "I arsenious Chloride and Cyanide" (Diphenylchloroar Diphenylcyanoarsine), by G. T. Morgan and D. C. "Organo-derivatives of Bismuth—Part III., The Pre of Derivatives of Quinquevalent Bismuth," by F. Cl and A. E. Goddard; "Modification and Extension of Crafts' Reaction—Part I.," by J. N. Ray; "The De tion of the Relative Strengths of Some Nitrogen the Aromatic Series and of Some Alkaloids," by F. "The Electrical Conductivity of Pure Salts in the S Fused States: Determination of the Activity Coeffic Ions in Solid Salts," by J. C. Ghosh; "Anethole as in the Cryoscopic Method of Determining Molecular by W. J. Sanderson and W. J. Jones.

Friday, June 4.

National Association of Women Pharmacists (London Gro Williams' Library, Gordon Square, London, W.C., at Social gathering. Women pharmacists and women for the Qualifying examination invited.

Saturday, June 5.

Royal Institution of Great Britain, Albemarle Street, Pi Loudon, W. 1, at 3 P.M. Dr. J. H. Jeans on "Recent tions in Physical Science—(II.) The Theory of Quant

Information Departmen

INFORMATION WANTED.

Postal or telephone information with respect to makers first-hand suppliers of the undermentioned articles will be appre ted.

B/265. "Cargat" brand cotton wool
B/205. Finsbury lavender water
M/155. Query serum
MR/155. Scott's injection prophylactic
E/215. Nensal tests
AS/255. Cutter's vaccines
A/255. "Dentose" water
W/255. "Woburn Distil
M/215. "Galactogogue"
S/275. Fresh henbane: mediate supplies
M/275. Dr. Stanley Wi n's chlorodyne
SC/275. Wood-flour ground saw t): actual manufact rs

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been an red. The information as to supply will be given to others who d s stamped, addressed envelope to the Information Department The CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4.

Apiol and steel pills, G/65 and H/35
"Balmoral" gloss, E/234
Barbadoes tar, A/65
Barry's Pearl Cream, B/85
"Crown" smelling-salts, L/45
Crude caffein, C/15
"Cutoxin," B/125
Daggett and Ramsdell's cold cream, M/234
Davies' triple-spring arch support, MR/185
Eyebrow pencils, H/35
Ferrigen, W/43
Filling machines, W/273
Filtering apparatus, W/273
Fletcher's thermo hydrometers, T/143
Frame food, M/224
Garrod's sulphur lozenges, M/45
Gelatine powder, L/274
Hydrofluoric acid, F/264
"Hymosa," E/234
Iglodine, DB/53
Indiarubber sponges, G/274
Lyons' sealing-wax, B/93
"Macclesfield" brand copper sulphate, BD/153
Machinery for mixing toilet cream, T/45
"Neodiarsenol," H/115
"Nilfli," B/264
Oxalic acid, LB/105
"Ozerine," D/145
Oxygen generators, E/274
Palatol, L/103
Palerium, B/173
"Pall Mall" nasal atom rs, M/74
"Record" hypodermic sy ge, B/85
"Renelax," B/85
Respirine, S/174
Rhodes' "Healu," E/234
Rhodine tablets, E/234
Sodium morrhuate, B/43
Sodium perborate, P/45
Sodium sulphite, M/75
Sodium sulphite anhy s, M/75
Somatose, B/113
Tablet-making machi y, B204, R/264, and S/74
Tamarind, R/145
"Tarine" moth-paper, C/
"Therapion," L/45
Thermofuge, E/203
Thiocol, W/204
Thompson's French plasters, G/293
Xylol, H/145.
Yohimbine (Spiegel), L/18
"Zondo" disinfectant, F
"Zotol," G/84

rvations and Reflections.

By Xrayser II.

mble is Over

and the folly of it stands apparent. re than half the votes were thrown away, and of great majority were progressive votes The irit who, according to Mr. Thomas Hardy, sits in overlooking human affairs, must have smiled at acle. There are other spirits, too, nearer home, for weeks been hugging themselves with satis- regarding it, and who must have smiled pretty o themselves at the President's funeral oration by-law controversy. The result of the election , better than I expected. Mr. Hines had a ce on the poll than he might have had but for rable, perhaps natural, but very impolitic deter- to stand solely upon his previous record; that h occupies the place which might have been his wever, no difference that matters; it is an equal for the principle for which both stood. Mr. nself improved his former position, and the suc- e two proves the truth of what I have always , the opponents of the by-law might easily have y seat. Their failure to do so must, I fear, at rt, be laid at the door of the Progressive Club. super-sensitive member of the Club will accuse ttacking" it when I say this. I am fully aware ficulties, and that to have assumed the leader- ld have aroused strong opposition in some but these difficulties might have been overcome d courage. The Club, though it has not realised pes of it, is nevertheless the recognised exponent e body of pharmaceutical opinion, and the chief he younger school of pharmacists. Had it in- onference between its Executive Committee and fficial candidates, a list of seven names might n agreed upon which would have received suffi- ort to have returned them all, and nobody would nted such action but those who were already im- hostile.

ber of Candidates

at this election, though as com- h last year's list it may be regarded as "revo- " was not, as the President's remarks might to suppose, unprecedented. Fifty years ago— in 1870—when, it is true, there were fourteen to fill, the number was twenty-seven. This was famous for the scandalous behaviour of one of ineers, which led to his resignation from the nd a demand for a revision of the system of The annual meeting of the year was one of iest on record, and ended in what a reporter "personal row" between the President and embers, of which the dishonest scrutineer was n, as now, the "position and prospects" of the " (described at the meeting as "an expensive were under anxious consideration, but it was ns regulations proposed by the Council which e "row" aforesaid. It will probably surprise o hold that the *C. & D.* has always played the he thorn in the flesh to the Society to hear that with the Council in this matter.

uestions Asked

at the general meeting, those of Miss elating to the Drug Store Proprietors Bill and of acre respecting the Dangerous Drugs Bill were of ediate importance, and the President's reply to such as is not calculated to allay the anxiety caused by these measures. As regards the e showed even more than his usual levity and e sense of responsibility. To say that drug-store rs always have a Bill on the stocks is to treat r as a sort of standing joke. Clearly Mr. Currie yet realise that the action of the Society in and putting into force last year's by-law has given these people a unique opportunity of pushing their claim, and an unprecedented vigour in doing so. What he said in reply to Mr. Fouracre was right enough in itself perhaps, but it showed how little alive the Council ha been to a serious danger until aroused to a realisation of it by a journal, the name of which was at this very meeting received by "certain lewd fellows of the baser sort" with shouts of "Oh! Oh!" Mr. Currie declared that he had the matter in mind "some little time ago," but it had only (as it appears) been considered by the Council that morning for the first time. The future of "The Pharmaceutical Journal" and the new optional subjects for the Major qualification are comparatively unimportant, but the discussion of them was interesting

The Remarks on Price Lists

made by the chairman of the London Appeal Committee in the boric-acid powder appeal case were sufficiently curious to excite wonder. Three price-lists, in addition to the National Health Tariff, had been cited in support of the price charged by the retailer, and they appear to have all been in substantial agreement. The chairman said that they "appeared to standardise the rate of cost, and formed a sort of general instruction to the retailers," surely, in itself, a most desirable end. Yet the "state of affairs" did not appeal to him as very satisfactory, and he made two complaints, (1) that the lists were made by interested parties, and (2) that the retailer could take advantage of them but was not bound by them. Are not both statements true of all trade price-lists in a free country? Are they not all made by interested parties? Are any of them compulsory? Since when has it been the practice of Government to control prices arbitrarily except in the special cases necessitated by peculiar circumstances? If we are not to take advantage of our own price lists, or are to treat them as laws of the Medes and Persians, all our attempts to standardise prices are worse than useless; and if we are to be bound by lists imposed upon us from without, all pretence of living in a free country must be abandoned.

I Thank Mr. Ridyard

for his explanation. I understand that by "self-contained" he means no more and no less than is meant by "independent," and that he avoided the latter word simply because it is usually employed to signify an "outside" body. It seems to me a little weak to be afraid of a word, especially if one uses another which means precisely the same thing, and I do not see how, if "self-contained" means (as my dictionary assures me it does) "independent of external means or relations," an independent body is more "outside" than a self-contained one. For the rest I certainly am not in favour of setting up an independent trade union of employers "apart from and in addition to," the Local Associations Executive. What I wish for is such an association as will supersede the L.A.E. altogther, and I cannot see why Mr. Ridyard should be more alarmed by the prospect than by the transforming of the L.A.E. itself into such a body. The practical advantage of the scheme I prefer is that it would be an entirely new start, unprejudiced and unhampered by old mistakes and sinister associations. In my experience it is much easier to run a new business successfully than to revive a decayed one, and that the L.A.E. is sufficiently effete to need reconstitution is hinted, if not admitted, by Mr. Ridyard himself.

RUSSIAN CO-OPERATIVE SOCIETIES.—The Joint Committee of the Russian Co-operative Organisations in London have sent us an illustrated pamphlet entitled the "All-Russian Central Union of Consumers' Societies" ("Centrosojus"), which deals with the industrial and commercial activities of these bodies, of which there are several hundreds throughout Russia. It is claimed that in the trade between Russia and Great Britain the Centrosojus is likely to play a most important, if not a decisive, part.

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Editorial Articles

The Election and After.

THE analysis of the figures of the Council electio of Pharmaceutical Society is very interesting as ow the attitude of the pharmaceutical mind. Two-t ds the electorate recorded their vote, which is mu higher proportion than usual. All the seven ca date were elected on a minority vote. Past years owe that the first position generally received 75 per t. the votes polled. At the last contested election ev on of the seven received over 50 per cent. of the rde votes, though Mr. Keall, the last on the elected l was only a few above the line of demarcation. The esult of the last election illustrate how easy it is, by ulti plication of candidates, to confuse the issue in con tested election. In any case, it is safe to say t the votes given to Mr. Rymer Young indicate the spect in which the *doyen* of the Council is held, a the high-water mark of confidence in the Council's ings during what will always be known as the "by-law ar." The number of Mr. Young's votes would be in ased because he is an ex-President, but influenced, perh by the fact that he was actually President when th atal compact was made in 1908. As has been seen, he ould only poll 2,774 out of 6,138 available votes. Cons ring that over 4,000 members recorded "Yes" in the t esty of a referendum, and only 1,500 "No," we have clue to the strange wavering of opinion which took pl in one month last year. The great majority actually ted for the by-law owing to the threat of wreckage the Society by the seventeen councillors. We alway felt that it was so, and this election has proved that we ere correct. A straight fight on the simple issue of th ro- tection of our interests would have placed all th ive retiring councillors below the line. The election w it is hoped, give pause to the officials who pride them ves

g masters in interpreting the handwriting on the Ve do not think the following view expressed in ial organ will deceive many members :

is nothing to show that the attitude of the retiring of Council or of other candidates to the question passing by the Council of the by-law relating to ries' assistants formed a crucial issue at the elec- n the contrary, the character of the voting may be ed to mean that support was given to the candi- their merits as past or prospective good servants of y.

the present Council several questions of first- portance will arise. The Dangerous Drugs Bill he Council surprised, and Mr. Cuff, as chairman aw Committee, most surprised of all. The Presi- id it had received his attention for some time, could not have been long, as the Bill was only first time on the Thursday following the May The extraordinary thing is that the Council it that this matter of supreme importance should er delayed. Any amendments made after a careful f the Bill should be well on their way at the moment. Mr. Gibson and Miss Andrews men- nother very important matter—the tinkering with or examination and the ignoring of the position r men who have become experts in the new sug- ubjects. Mr. Glew, of Clapham, a well-known on radiology, recognised by the Government dur- war, would, for example, be required to undergo ulum for the Pharmaceutical certificate, if such ablished, in a subject in which he has had an acquaintance and mastery right from its first y. There is the other important matter of insti- qualification, which makes it a pity that Mr. was not elected. No training of students is ognised in institutions unless they are sanctioned Council, yet training can be allowed in any shop, ill-equipped. At the annual meeting the secre- de light of the Drug-store Proprietors Bill, and he is justified in this attitude, but we remember also made light of a similar affair in 1908. The e issue for the new Council is to elect a strong t with sufficient individuality about him to main- dignity of the Council. With him should be d a Vice-President who will not be content to y an echo of the official mind. Two such officers, of maintaining independence and dignity, would to restore the confidence of the trade, since no say on such a poll as that published last week Council received the vote of confidence that the ask for.

The New Australian Tariff.

57, 68 of this issue we give the text of the new n tariff so far as it concerns chemicals, drugs, licinal preparations. The tariff was introduced House of Representatives and came into operation rch 20. It is printed in full in the "Board of urnal" (April 22), but it is to be regretted that s not give a contrast of the old and new rates. arison with the old tariff, however, we find that many of the duties have been increased, and me time there has been a substantial increase in rence to Great Britain. The Minister of Customs, ourse of that part of his speech explaining the ines upon which the tariff has been framed, said : be noticed at once that this is a three-column s will be seen, we have preserved the principle of tariff for the United Kingdom. Then hon. members will find there is an intermediate schedule and another general schedule. The preference to Great Britain is greater than ever before. (Cheers.) In the 1908-11 tariff the general rate of preference given to the United Kingdom was 5 per cent., and in some few instances 10 per cent. The 1914 tariff increased the number of items with a preference of 10 per cent. to 120. The number of items in previous tariffs and in the proposed tariff in which a preference of 5 per cent. and over is given, is as follows:

ITEMS.

Preference of—	1908-11 Tariff	1914 Tariff	Proposed Tariff
5 per cent.	237	303	24
7½ per cent....	4	3	—
10 per cent....	10	120	367
12½ per cent.	—	—	24
15 per cent....	—	—	136
20 per cent....	—	—	32
Total all rates ...	251	426	583

It is of interest to note that the British preferential tariff on medicines, pharmaceutical preparations, and the like has been raised from 15 per cent. to 25 per cent. *ad valorem*, while under the general tariff the rate of duty is now 35 per cent., against 20 per cent., so that while the duty on British medicines has been raised 10 per cent., the duty on the general tariff has increased 15 per cent., or, in other words, Britain has a preference of 10 per cent. But to how many countries will the general tariff apply? Very few, we should imagine, as the leading nations will endeavour to arrange reciprocal trade relationships and so take advantage of the lower intermediate tariff, in which case the British manufacturer of medicines would only get a preference of 5 per cent., the "intermediate duty" on such being 20 per cent. *ad val.* Spirits and spirituous liquors, which were formerly summarised into two items, including all descriptions of spirits, are now subdivided into a great number of classes. In some instances the excise duty has been slightly decreased, while the import duty, on the contrary, has been increased by 2*s.* to 3*s.* per gallon from the United Kingdom, and by 4*s.* from other countries. Arrowroot, which was formerly ½*d.* per lb., has been raised to 1½*d.*, and the duty on cocoa and chocolate, which was formerly 2*d.* and 2½*d.* per lb., has been raised to 3*d.* per lb. from the United Kingdom and 5*d.* per lb. from other countries, with an intermediate rate of 4*d.* On confectionery an increase of 5 per cent. appears in the British duty. Oilmen's stores, formerly dutiable at 15 and 20 per cent., are now dutiable at 20 per cent. and 30 per cent. For some occult reason, rennet, which was formerly free, is now dutiable from 25 to 40 per cent. *ad valorem*, while the duty on table salt has been raised from 15 per cent. to 20 per cent. from the United Kingdom and 30 per cent. against the foreigner. Considerable increases have also been made in the duties on soap, which were formerly 5*d.* and 6*d.* per lb., or 30 per cent. *ad val.* and 35 per cent. *ad val.* Toilet soap from the United Kingdom is now dutiable at 6*d.* per lb., or 35 per cent. *ad val.*, while soap made in other countries will pay 9*d.* per lb., or 45 per cent. *ad val.* In spite of the fact that the new tariff is now in operation, the importation of many commodities into the Commonwealth was forbidden, except under licence. These included :

Absolute alcohol, amylic alcohol, collodion, sulphuric and anæsthetic ethers, ethylacetate, rennet, star antimony, coal-tar oils (benzol, solvent and heavy naphthas), plaster of Paris, carbolic acid, cresylic acid, crude creosote and crude tar oils, naphthaline (crude), arsenate of calcium, arsenate of lead, arsenate of soda, arsenate of zinc, carbolic disinfectants, sodium hyposulphite, arsenic, arsenate sulphide, ethyl chloride, sodium sulphate, bacteriological products and sera, calcium carbide.

It is anticipated that the embargo will remain on these imported goods until the end of May. Mention may also be made of the fact that the tariff contains provisions against "dumping," on the lines adopted by Canada, South Africa, and the United States. It may be recalled that the Commonwealth in 1906 passed the Australian Industries Preservation Act dealing with the dumping of goods, but it was not found possible in any single instance to make use of this Act to deal with cases of "dumping." Now Australia proposes to circumvent "dumping" by "authorising an addition to the ordinary duty payable of an amount equal to the difference between the fair market value of the same article when sold for home consumption in the usual and ordinary course of trade and free on board in the country whence and at the time it was exported to Australia and the dumped price, except in cases where the difference amounts to 5 per cent. or less." It is also proposed to collect an additional 5 per cent. of duty on goods that have been imported by subsidising freights. In fact, under the new tariff the determination to keep the foreigner out of Australia is stronger than ever. The manufacture of coal-tar products is now looked upon as a "key" industry in Australia, and for the first time the chemical and similar industries are now "protected," the duties having been very largely recast.

Continental "Odol."

The Mundwasserfabrik "Odol" Carl A. Lingner, with an address in Czecho-Slovakia, has recently registered at the International Bureau, Berne, the words "Anglodol" and "Francodol" as trade-marks in respect of toilet preparations. The claims for these registrations are based on two Czecho-Slovakian trade-marks Nos. 10287-8, registered May 8, 1919. The registrations at Berne affect trade-mark rights in several countries, including Austria, Hungary, Belgium, France, Italy, Spain, Portugal, and Switzerland. The registrants apparently realise that names which will convey a suggestion of English or French origin for their goods will be a recommendation, and in the process are not averse to appropriating a mark which is already registered in Great Britain.

The Effect of Changes of Duty on Spirit Contracts.

In view of the recent substantial changes in the rates of duty on spirits, the position of buyers and sellers on running contracts of spirits or goods of which spirits form an ingredient requires to be clearly appreciated if disputes and litigation are to be avoided. When parties enter into a contract, the one to sell and the other to buy spirits or spirit goods, it is open to them to agree as to which of them shall bear the burden of any increase in the duty, or obtain the advantage of any decrease in the duty at any time before the spirits or other goods are delivered to the buyer. If such an agreement is entered into in proper form it is perfectly valid and governs the contract. Where no such provision is made the law intervenes and fixes the relations of the parties. Section 10 of the Finance Act, 1901, lays down that where any new Customs import duty or any excise duty is imposed, or where any Customs import duty is increased, and any goods in respect of which the duty is payable are delivered after the day on which the new or increased duty takes effect in pursuance of a contract made before that day, the seller of the goods may, in the absence of agreement to the contrary, recover, as an addition to the price, a sum equal to any amount paid by him in respect of the goods on account of the new duty or the increase of duty, as the case may be. And, on the other hand, if the duty has been repealed or decreased and the seller has had the benefit of the reduction, the buyer may deduct the amount represented by the reduction when he is paying the contract price. In the following year Section 7 of the Finance Act, 1902, extended these provisions to the case spirit goods had undergone any process of ma or preparation or had become a part or ingredient goods. The law on the subject is thus, as seen, sufficiently general to cover ordinary ca it seems to be in every respect desirable that th to contracts should themselves provide by an clause in the agreement as to how any increas crease of duty is to be dealt with in any adjus the price. It has to be kept in mind that of duty payable is that in force on the day spirits are actually delivered out of official custod

Belgians and Foreign Exchanges.

In an article dealing with the effects of the rate of the Belgian exchange, in the "Journal macie de Belgique," May 9, the anonymous auth out that although the French franc stands at a lower rate than the Belgian franc, the price of goods is influenced by the cost of the raw materia France has to purchase in countries with an u able rate of exchange. Italy, which in this re even worse off, furnishes very little to Belgium author then proceeds:

The obstinacy which English and American firm in quoting and invoicing their products in sterling and in dollars since the Armistice is a disa to them, and seriously endangers their gaining a firm in Belgium. An article ordered to-day at a stat may cost double, or even three times as much, wi actually delivered, and it is difficult to transact under these conditions. To take a case in point: ordered in England in March 1919, when the pound stood at about 30 francs, is advanced in October 19 10 per cent., and is finally delivered in January 19 the pound stood at 45 francs. The result was th which represented a value of 30,000 francs when cost 50,000 francs when delivered. This example il the difficulties in placing contracts and the risks inc

After referring to the fact that several Britis have attempted to solve this difficulty by basin prices on a fixed rate of exchange, requiring their customers to pay the amounts due in francs into in Belgium, where the money remained until the e should improve, he states that in asking the of a British bank established in Belgium to in British firms to adopt this system, the director "Why should we advise our firms to adopt this The amounts of Belgian money immobilised in would be enormous. Already we do not know to do with the sums we have in hand, we have to and do not know where to place them." The proposes the following *modus operandi* for those macists compelled to trade with countries whose exchange is unfavourable to Belgium:

(1) To demand from all firms quotations in Belgian

(2) To propose to these firms that payment sh made to a Belgian bank, or a British one with a br Belgium, at a figure below the actual rate of exch the day.

(3) To cancel all orders placed on the basis of a currency, and, should an order be already in co execution or on the way, even to refuse to accept on its arrival.

(4) If the goods have already been delivered and to defer payment until the rate of exchange has becom reasonable.

The author concludes his article by stating that ous merchants and manufacturers have adopted course, and adds that it is certain that were this to be more generally followed the Belgian exch would soon be in a better position in its relat foreign currencies.

Italian Olive Oil.—The Italian olive-oil tr attended by difficulties on account of Government c Exports are forbidden unless 30 kilos. of oil at 6 is retained for local consumption in compensatio every 70 kilos. exported. Transactions on the market, which are very rare, are based on a pri 1,300 lire per quintal, with an additional 100 li extra qualities.

New Australian Tariff.

of the new Australian Customs tariff which ly introduced into the Commonwealth Parlia- een published in the Board of Trade Journal The duties specified came into operation from lthough certain articles are subject to revision. diate scale of duties has been introduced into ut as yet no information is available respecting ion. The spirit, drugs, and chemicals section

Tariff Items	British Preferential Tariff	Intermediate Tariff	General Tariff
h not less than 65 per cent. over tured, or to be denatured prior —			
uce of Papua or of any island belonging to or administered date by the Commonwealth, ct to conditions, as prescribed mental By-laws, be delivered notor fuel on payment of duty gallon.			
s prescribed by tal By-laws ... per gallon	1s.	1s.	1s.
t exceeding the proof ... ... per gallon	40s.	40s.	40s.
exceeding the proof ... per proof gallon	40s.	40s	40s.
and fusel oil ... per gallon	27s.	28s.	28s.
... ... per gallon	5s.	6s. 6d.	7s. 6d.
, methyl alcohol, e ... ... per gallon	1s.	1s. 6d.	1s. 6d.
... ... per gallon	30s.	32s. 6d.	35s.
ts ... ... per gallon	35s.	37s. 6d.	40s.
or *ad val.*	35 p.c.	40 p.c.	45 p.c.
r rate returns the higher duty			
eparations, viz. :—Essences, s, aromas, and flavours, fluid sarsaparilla, tinctures, medi- usions, toilet preparations, and other fruit juices and fruit taining—			
e than 25 p.c. of t ... ... per gallon	6s. 9d.	7s.	7s.
an 25 p.c., but han 50 p.c. of proof ... ... per gallon	13s. 6d.	14s.	14s.
n 50 p.c., but not 75 p.c. of proof ... ... per gallon	20s. 3d.	21s.	21s.
n 75 p.c. of proof not over proof ... per gallon	27s.	28s.	28s.
of ... per proof gallon	27s.	28s.	28s.
roform, viz :— ether, anæsthetic ., ether purifica- chloroform, con- more than 5 p.c.			
pirit ... ... per gallon	6s.	7s. 6d.	8s.
containing not 5 p.c. of proof ... ... *ad val.*	15 p.c.	20 p.c.	25 p.c.
g more than 5 p.c. pirit ... ... per gallon	27s.	28s.	28s.
loride, spirituous ituous ... ...per fluid oz.	1s. 3d.	1s. 9d.	2s.
te and ethyl ace- pirituous ... *ad val.*	35 p.c.	40 p.c,	45 p.c.
nit essences and fruit essences, nas, and flavours, ous, n.e.i. ... *ad val.*	20 p.c.	25 p.c.	30 p.c,
cid, acetic acid and vinegar s, extracts, or essences there-			
g not more than absolute acetic ... ... per gallon	6d.	8d.	9d.
g more than 6 ot more than 30 olute acetic acid per gallon	3s. 9d.	4s. 6d.	4s. 9d.
g more than absolute acetic ery 10 p.c. or f ... ... per gallon	1s. 3d.	1s. 6d.	1s. 9d.
for the manu- cetic acid ... *ad val.*	20 p.c.	30 p.c.	35 p.c.
(hydrochloric, ni- uric and phos- ... ... *ad val.*	15 p.c.	20 p.c.	25 p.c.

Tariff Items	British Preferential Tariff	Intermediate Tariff	General Tariff
Coal-tar products, viz. :—			
(A) Benzol ... ... per gallon	5d.	7d.	8d.
(B) Naphtha ... ... per gallon	5d.	7d.	8d.
(C) Cresylic acid and carbolic acid ... ... *ad val.*	25 p.c.	30 p.c.	35 p.c.
(D) Oils, crude or refined, n.e.i. *ad val.*	10 p.c.	15 p.c.	20 p.c.
Tar; Pitch ... ... *ad val.*	25 p.c.	30 p.c.	35 p.c.
(A) Napthalene, crude ... *ad val.*	20 p.c.	25 p.c.	30 p.c.
(B) Naphthalene, n.e.i. ... *ad val*	25 p.c.	30 p.c.	35 p.c.
(A) Sheep, cattle, and horse washes, in liquid or powder form ... ... *ad val.*	20 p.c.	20 p.c.	30 p.c.
(B) Insecticides and disinfectants in liquid form in drums or other vessels containing not less than 5 gallons, and, when in other than liquid form, in packages containing not less than 28 lbs. *ad val.*	20 p.c.	20 p.c.	30 p.c.
(C) Preparations being formaldehyde or containing formaldehyde, n.e.i.; insecticides and disinfectants, n.e.i.; weed, scrub, and tree killers, n.e.i. *ad val.*	25 p.c.	25 p.c.	35 p.c.
Fly-papers, chemical and sticky *ad val.*	10 p.c.	15 p.c.	15 p.c.
Ammonia, viz. :—			
Acetate, carbonate, anhydrous, liquid, chloride, and sulphate ... *ad val.*	15 p.c.	20 p.c.	25 p.c.
Voltoids of sal-ammoniac ... *ad val.*	20 p.c.	25 p.c.	30 p.c.
Carbide of calcium ... ... per ton	4l.	7l. 10s.	7l. 10s.
Bromide salts: cyanide of potassium and cyanide of sodium ... ... *ad val.*	Free	Free	10 p.c.
Hydrosulphites ... ... *ad val.*	Free	Free	10 p.c.
(A) Salt cake ... ... *ad val.*	15 p.c.	20 p.c.	25 p.c.
(B) Soda crystals ... ... *ad val.*	25 p.c.	35 p.c.	45 p.c.
Carbonic-acid gas ... ... per lb.	2d.	2½d.	3d.
Carbonate and bicarbonate of soda *ad val.*	Free	Free	10 p.c.
And on and after January 1, 1921			
(A) Carbonate and bicarbonate of soda, soda ash and soda silicate ... per ton	40s.	60s.	80s.
or *ad val.*	25 p.c.	35 p.c.	45 p.c.
whichever rate returns the higher duty			
(B) Caustic soda, bleaching powder, and chlorine ... ... per ton	60.	80s.	100s.
or *ad val.*	25 p.c.	35 p.c.	45 p.c.
whichever rate returns the higher duty			
(C) Sulphur chloride and carbon tetrachloride ... ... *ad val.*	25 p.c.	35 p.c.	45 p.c.
(A) Citric acid ... ... *ad val.*	Free	5 p.c.	10 p.c.
(B) Tartaric acid, cream of tartar and cream of tartar substitutes per lb.	2d.	3d.	4d.
Drugs and chemicals, viz. :—			
(A) Quillaia bark for use in the manufacture of textile goods, as prescribed by Departmental By-laws ... ... *ad val.*	Free	Free	10 p.c.
(B) Salicylic acid and other food preservatives n.e.i.; salicylate of soda; sulphites and bisulphites of potassium; bisulphite of sodium, calcium, and magnesium; and foaming powders and liquids, including malto-peptone yeast food, yeast food preservatives, yeast nourishment, quillaia bark, n.e.i., saponarias, glycyrrhizin and its compounds ... *ad val.*	20 p.c.	25 p.c.	30 p.c.
(C) Boric acid ... ... per cwt.	7s.	7s.	8s. 6d.
(D) Saccharin and other similar substitutes for sugar, and substances capable of conversion into such substitutes for sugar ... ... per lb.	30s.	35s.	40s.
Drugs and chemicals, viz. :—			
(A) Arsenic, arsenious chloride, arsenic sulphide, arseuates of calcium, lead, and soda, arsenites of soda and zinc, and other arsenical preparations and mixtures, n.e.i., containing more than 10 p.c. of arsenic ... ... *ad val.*	25 p.c.	25 p.c.	35 p.c.
(B) Sulphate of magnesia (Epsom salts), sulphate of soda, hyposulphite of soda, hypochlorite of soda, phosphate of soda, carbonate of magnesia, n.e.i. *ad val.*	20 p.c.	25 p.c.	30 p.c.
(C) Alum ... ... *ad val.*	20 p.c.	25 p.c.	30 p.c.
(D) Calcium chloride, barium chloride, zinc chloride, and zinc sulphate *ad val.*	20 p.c.	25 p.c.	30 p.c.
(E) Lactose ... ... *ad val.*	20 p.c.	25 p.c.	30 p.c.
(F) Hydrogen peroxide ... *ad val.*	25 p.c.	30 p.c.	35 p.c.
(G) Powdered magnesium, sulphite of soda, nitrate of silver, and chloride of gold ... ... *ad val.*	25 p.c.	30 p.c.	35 p.c.
(H) Carbon bisulphide ... *ad val.*	25 p.c.	35 p.c.	45 p.c.
(I) Metabisulphite of potassium and metabisulphite of sodium, as prescribed by Departmental By-laws ... *ad val.*	Free	Free	10 p.c.
(J) N.E.I. (including mixtures of chemicals and mixtures of a chemical or chemicals with other substance or substances, the chemical portion being of chief value, n.e.i., when not packed for use in the household) ... ... *ad val.*	Free	10 p.c.	15 p.c.
Opium, for medicinal purposes only, as prescribed by Departmental By-laws *ad val.*	Free	Free	15 p.c.

Tariff Items	British Preferential Tariff	Intermediate Tariff	General Tariff
Sulphate of copper ... ... per ton	5*l.*	10*l.*	10*l.*
(A) Bacteriological products and sera, as prescribed by Departmental By-laws *ad val.*	Free	Free	10 p.c.
(B) Bacteriological products and sera, n.e.i. *ad val.*	30 p.c.	35 p.c.	40 p.c.
Medicines :—			
(A) Pharmaceutical preparations; patent and proprietary medicines and drugs, and other medicinal preparations; chemicals and drugs packed for use in the household, n.e.i.; medicinal extracts; essences; juices; infusions; solutions; emulsions, confections, syrups, pills; pilules; tabloids; soloids; ovoids; tablets; capsules; cachets; suppositories; pessaries, n.e.i.; poultices; salves; cerates: ointments; liniments; lotions; pastes and the like; medicinal waters and compounded medicinal oils; medicines for animals ... ... *ad val.*	25 p.c.	30 p.c.	35 p.c.
(B) Spirituous ... ... *ad val.*	25 p.c.	30 p.c.	35 p.c.
(Or according to the rates provided in Item 9, whichever rate returns the higher duty.)			
(C) Medicines and other preparations included in sub-items (A) and (B), and not being similar to the medicines and other preparations made in the Commonwealth, as prescribed by Departmental By-laws ... ... *ad val.*	15 p.c.	20 p.c.	25 p.c.
(Or when spirituous according to the rates provided in Item 9, whichever rate returns the higher duty).			
(A) Plasters, medicated or unmedicated *ad val.*	Free	Free	10 p.c
(B) Wool, medicated, when not packed for use in the household ... *ad val.*	15 p.c.	15 p.c.	25 p.c.
(C) Wool, medicated, n.e.i. ... *ad val.*	25 p.c.	30 p.c.	35 p.c.
Essential oils, non-spirituous, n.e.i. *ad val.*	Free	Free	10 p.c
Materials used in the manufacture of perfumes, viz :—			
Fat containing extract of flowers, and essential oils ... ... *ad val.*	Free	Free	10 p.c.
(A) Glycerin :—			
(1) Unrefined ... ... *ad val.*	20 p.c.	25 p.c.	30 p.c.
(2) Refined ... ... *ad val.*	30 p.c.	40 p.c.	45 p.c.
(B) Wool fat, degras and sod oils :—			
(1) Unrefined ... ... *ad va.*	20 p.c.	25 p.c.	30 p.c.
(2) Lanoline and other refined wool fat *ad val.*	30 p.c.	40 p.c.	45 p.c.
(C) Camphor ... ... *ad val.*	Free	Free	10 p.c.
(A) Petroleum jelly in packages containing not less than 3 cwt ... *ad val.*	Free	Free	10 p.c.
(B) Fuller's earth, in bulk ... per cwt.	1*s.*	1*s.*	1*s.* 3*d.*
(C) Perfumery; perfumed ammonia; toilet preparations (perfumed or not), non-spirituous, n.e.i., and spirituous when the duty payable under Item 9 is less than that payable under this item; petroleum jelly, n.e.i. ... ... *ad val.*	35 p.c.	40 p.c.	45 p.c.
(D) Perfumes, artificial (synthetic), in concentrated form, including synthetic essential oils and mixtures of synthetic and natural essential oils, non-spirituous, for manufacturing purposes, as prescribed by Departmental By-laws *ad val.*	Free	Free	10 p.c.
(E) Perfumes, artificial (synthetic), in concentrated form including synthetic essential oils and mixtures of synthetic and natural essential oils, non-spirituous :—			
(1) When in liquid form ...per fluid oz.	3*s.* 9*d.*	3*s.* 9*d.*	4*s.* 9*d.*
(2) When not in liquid form per oz.	3*s* 9*d.*	3*s.* 9*d.*	4*s.* 9*d.*

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration. See "The Chemist and Druggist Diary" 1920, p. 308.

(*From "The Trade-marks Journal," March 24, 1920.*)

"Turret Brand" over device of ship and tower; for goods (42). By Tilley, Carr & Co., 4 and 8 Elder Street, London, E. 1. 388,472. (Associated.)

"Bassena"; for all goods (42), (47), and (48). By W. H. Sassen, 40 Dickinson Street, Manchester. 399,219/670/671. (Associated.)

"Yan Yan"; for food substances (42). By Maconochie Bros., Ltd., West Ferry Road, Millwall, London, E. 14. 399,319. (Associated.)

"Dunard"; for food substances (42). By Angus Watson & Co., Ltd., Ellison Place, Newcastle-on-Tyne. 399,335.

"Casen," "Tuxpan," and "Leslan"; for al By K. L. Allan & Co., Ltd., 2 The Alban 399,322/3/4.

"Zodenta"; for perfumery, etc. (48). By F. Co., 52-56 Tenth Street, Detroit, U.C.A. 39

"Deterpex"; for perfumes and hair colouring (48). By Robartes, Ltd., 1 Dyer's Buildi Bars, London, E.C. 1. 399,984.

"Coralex"; for cellulose acetate goods, etc Société Coralex, Société Anonyme, 18 Place Paris. 395,316.

"Fortis"; for brushes (50). By C. H. Leng & bourne Road, Balsall Heath, Birmingha (Associated.)

(*From "The Trade-marks Journal," March*

"C. & Co." over crescent device; for chemic Cookson & Co., Ltd., Milburn House, Dean castle-on-Tyne. 399,987. (Associated.)

"B. M. & Co." under device of crescent Brand"; for dyes (1 and 4). By Brunner, Ltd., Winnington, Northwich, Cheshire. 40 (Associated.)

"Kudosine" and "Carmolac"; for chemicals Ingham & Co., Ltd., Walter House, Bed Strand, London, W.C. 2. 400,365/6.

"Silvesco"; for all goods (1). By W. S. 10 Lancaster Gate Terrace, Hyde Park, L 400,376. (Associated.)

"Thomas Bigg" facsimile signature; for all go T. Bigg, Ltd., 117 Church Street, Deptfo S.E. 8. 396,116. (Associated.)

"Electrolyn"; for fertilisers, etc. (2). By Mi Service Co., Ltd., 2 Radford Fields, St. Nich Coventry. 399,931.

"Tosca"; for medicinal chemicals (3). By Fas son, Ltd., 86 Clerkenwell Road, London, E.C. (Associated.)

"Sylphida"; for medicinal chemicals (3). By 15 Dennan Road, Surbiton. 399,034.

"Neemoids Brand Anæmia Tablets"; for anæmia (3). By H. E. Jones, 111 Church Rd, ton, London, N. 1. 399,338.

"Sun Ray"; for medicinal chemicals (3). By Cox & Co., Ltd., 93 Lewes Road, Bright (Associated.)

"Dayco," with device of holly and seal; fo chemicals (3), for surgical instruments, etc. (brushes and hair combs (50). By C. Mi 5 Mayes Street, Manchester. 398,257/8/9.

"Bynotone"; for medicinal chemicals (3), an substances (42). By Allen & Hanburys, L Court, 37 Lombard Street, E.C. 3. 399,827, ciated.)

"Alvityl" and "Geodyl"; for medicinal ch By J. Robert, 37 Rue de Bourgogne, Paris.

"Seegaw"; for scientific instruments (8). By 187 Westminster Bridge Road, London, S.W.

"Sterando"; for all goods (11). By Anderso law, Ltd., 11 and 12 Broad Street Corner, B 398,868. (Associated.)

"Leglot"; for surgical instruments, etc. (11). land and Birmingham Rubber Co., Ltd., Works, Leyland, Lancs. 400,680.

"Pulmeto"; for all goods (42). By W. G. Cla Thomas Street, Limehouse, London, E. 14. 3

"Ago"; for food substances (42). By Fabri duits Chimiques Flora, Dubendorf, Switzerla (Associated.)

"Armaroon"; for foodstuffs (42). By Tew, Ev Ltd., 569 and 571 York Road, Wandsworth 395,307. (Associated.)

"Herwhit"; for food substances (42), for mine etc. (44), and for brushes (50). By H. Whitw 115 Princess Street, Manchester. 397,724/6/ ciated.)

"Corso" on triangle-shaped device; for a food (42). By A. Haydock, 32 Silver Street, Mile Manchester. 398,815.

"Okako": for all goods (42). By Mapleton's Co., Ltd., Moss Street, Garston, Liverpool.

"Solsy"; for all goods (42) and (44). By W. Hu Street, Camden Town, N.W. 1. 399,853/5.

"Lamin" and device of mythical animal; for (48). By Norsk Tangaktieselskab, St. Olav Christiania, Norway. 397,628/741. (Associate

"Amami Shampoo of Egyptian Henna and Xu floral device; for a hair preparation (48). By & Constance (Wholesale), Ltd., 469 Hollow London, N. 7. 396,164. (Associated.)

urance Act Dispensing.

of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

n.—A meeting of the Insurance Committee was May 27 to consider, among other business, the of the various sub-committees. The follow- abstracted from the agenda: The Finance mittee recommended payment of sums amounting 8l. 4s. 3d., including payments to chemists of 5s. 5d. The General Purposes Sub-Committee that the Pharmaceutical Committee had recom- he following as representatives on the Hours of ub-Committee: Messrs. G. B. Barnard, J. Keall, . Wing, and accordingly these names were in- n the proposed constitution. The following l data were supplied for the year 1919:

f nts s. 5d.	Dispensing-fees	Total prscrns.	Av. ingred. cost	Av. disp.-fee
	66,349l. 13s. 3d.	4,278,011	3.86d.	3.72d.

lical Benefit Sub-Committee reported that on the names of 720 persons were included on the ose supplying drugs and appliances, constituted s: Chemists in general business, 658; in institu- ; other persons, 24. Alterations during April to cluded five additions and nine withdrawals.

esex.—A meeting of the Pharmaceutical Com- s held on May 19, when the following statistics mitted by the Checking Department:

Scripts.	Average.	Prescriptions.	Average.	Total Cost. £	s.	d.
... 78,974	11·6	95,141	9·6	3,816	6	6
... 78,331	11·6	93,548	9·7	3,777	8	4
.. 88,197	11·8	105,503	9·9	4,330	12	3

espondence dealt with referred, among other to arrangements for dispensing late prescrip- e pricing of homœopathic prescriptions, and ents for dispensing prescriptions for the Ministry ns, in connection with tropical-disease clinics. ority of chemists on the Middlesex panel are to be willing to dispense these prescriptions on s proposed. Arrangements were made for the on of the annual report for the year 1919-20.

THE NORTH MIDLAND PRICING BUREAU recently supplied tituent Insurance Committees with the minimum the year 1919. The total number of prescriptions h was 119,621, at a cost of 4,454l. 9s. 3d., or an f 8.94d., of which 5.25d. represented ingredient l 3.69d. dispensing-fee. The average total cost ed person was 27.16d.

THE SOUTH-WESTERN JOINT PRICING COMMITTEE has issued the annual report on the work of the Bureau for the year 1919. The cost of pricing ions during the past three years was as follows:

	No. of prescriptions	Total cost	Cost per 1,000
.. ...	1,815,443	1,831l. 5s. 10d.	20s. 2d.
.. ...	1,796,416	1,779l. 11s. 10d.	19s. 10d.
.. ...	2,058,151	2,318l. 14s. 4d.	22s. 6d.

l amount of the chemists' accounts for the year 80l. 0s. 4d., of which amount 38,542l. 16s. 2d. s the ingredient charges and 30,037l. 4s. 2d. the g-fees. A comparison of the cost per script increasing charge year by year, the figures for four years being: 1916, 7.66d.; 1917, 7.80d.; 6d.; 1919, 10.20d. The amounts credited to in previous years was as follows: 1916, 11s. 10d.; 1917, 48,436l. 3s. 8d.; 1918, s. 1d. For approved institutions and dispensing he area of chemists the amounts credited were: 1916, 19l. 2s. 7d.; 1917, 61l. 6s. 6d.; 1918, 142l. 18s. 6d.; 1919, 65l. 15s. 9d.

May Drug Tariff.

The following are the alterations for May in the Drug Tariff issued by the Ministry of Health:

Lower: Acid. tannic., 14s. 9d. lb.; aq. camph., ex conc., 8s. 2d. lb.; argent. nit., 5s. 8d. oz.; argent. nit. indur., 5s. 10d. oz.; butylchloral hyd., 10s. oz.; calc. lact., 11s. 6d. lb.; camphora (flowers), 19s. lb.; chloroform camph., B.P.C., 18s. lb.; ext. aloes pulv., 5s. lb.; inf. senegæ (ex conc.), 11s. 9d. lb.; lin. aconit. meth., 3s. 10d. lb.; lin. belladon. meth., 8s. 9d. lb.; lin. camph., 6s. 8d. lb.; lin. camph. am. meth., 5s. 8d. lb.; lin. chlorof., 7s. 8d. lb.; lin. hydrarg., 8s. 2d. lb.; lin. opii meth., 5s. 8d. lb.; lin. sap. meth., 2s. 8d. lb.; liq. hamamelidis, 3s. 4d. lb.; ol. amygdalæ, 5s. lb.; ol. anisi, 8d. oz.; ol. cajuput., 8d. oz.; ol. lini, 15s. 3d. gal.; ol. morrhuæ (Norwegian, opt.), 24s. gal.; ol. ricini, 1s. 7½d. lb.; physostig. sulph., 10½d. gr.; pot. brom., 5s. 3d. lb.; resorcinum, 4s. 3d. oz.; tr. guaiaci ammon., 10s. lb.; ung. hyd. co., 9s. lb.; vinum colchici, 6s. 6d. lb.; zinci oxid., 1s. 4d. lb. Catheters: soft rubber (1-12), 8.0d. each.

Higher: Acid. citric. pulv., 8s. 3d. lb.; acid. tartaric., 4s. 9d. lb.; ammon. chlor., 1s. 8d. lb.; aq. anethi, ex conc., 14s. 9d. lb.; aq. anisi, ex conc., 14s. 9d. lb.; aq. carui, ex conc., 14s. 9d. lb.; aq. cinnam., ex conc., 15s. 9d. lb.; aq. fœniculi, ex conc., 14s. 9d. lb.; aq. menth., ex conc. (exotic), 14s. 3d. lb.; aq. pimentæ, ex conc., 14s. 3d. lb.; aq. sambuci (simp.), 9d. lb.; caffeina, 4s. 3d. oz.; caffein. cit., 3s. oz.; cocain. hydrochlor., 8s. 2d. dr.; conf. sennæ, 3s. 6d. lb.; ferri et ammon. cit., 8s. 8d. lb.; hexamina, 1s. 10d. oz.; inf. buchu, ex conc., 10s. lb.; inf. ol. olivæ (sublime), 29s. 6d. gal.; phenacetin, 2s. 2d. oz.; pil. aloes et asafet., gr. iv., 1.0d. doz.; pot. cit., 9s. 6d. lb.; pot. tart. acid., 3s. 8d. lb.; pulv. glycyrrh. co., 2s. 3d. lb.; sacc. alb. pulv. subtil., 1s. 7d. lb.; santonin., 66s. oz.; sodii sulphas, 5½d. lb.; sodii sulphocarb., 3s. 2d. lb.; spt. rectificatus, 22s. pint; syrupus, 1s. 10d. lb.; syr. aurantii, 3s. 6d. lb.; syr. calc. lactophosph., 3s. 11d. lb.; syr. cascaræ aromat., 4s 9d. lb.; syr. chlorai, 4s. 2d. lb.; syr. codeinæ phosph., 5s. 4d. lb.; syr. ferri iod., 4s. 2d. lb.; syr. ferri phosph., 2s. 3d. lb.; syr. ferri phosph. co., B.P.C., 2s. 1d. lb.; syr. ferri phosph. c. quin. et strych., 3s. 6d. lb.; syr. glycerophosph. co., B.P.C., 4s. lb.; syr. hypophosph. co., B.P.C., 3s. lb.; syr. limonis, 2s. 9d. lb.; syr. pruni virg., 2s. 10d. lb.; syr. rhei, 3s. 5d. lb.; syr. scillæ, 2s. lb.; syr. sennæ, 3s. 2d. lb.; syr. tolut., 2s. 3d. lb.; tr. zingib., 2s. 8d. lb.; tab. guaiacol. carb., gr. v., 6.3d. doz.; theobrom. et sod. salicyl., 3s. 4d. oz.; tr. aurantii, 21s. lb.; tr. benzoini co., 8s. 2d. lb.; troch. acid. tannic., 4s. lb.; vinum antimoniale, 3s. 8d. lb.; vinum ipecac., 5s. 8d. lb. Bandages: Crêpe, 2 in., 15.0d., 2½ in., 19.0d., 3½ in., 26.0d. each; flannel, 2½ in., 24.3d., 3 in., 29.0d. each; plaster of Paris, 3 in. by 6 yds., 16.5d. each. Lints: unmedicated, 1 oz., 5.0d., 2 oz., 9.5d., 4 oz., 18.0d., 8 oz., 33.5d., 1 lb., 66.0d.; boric, 1 oz. 3.5d., 2 oz., 6.2d., 4 oz., 11.8d., 8 oz., 22.0d., 1 lb., 42.0d. Wools: boric, 33.0d. per lb. Wood wool, 30.0d. per lb. Ice-bags, rubber, helmet shape, 138.0d. each

SCOTLAND.

Aberdeen.—A special meeting of the Burgh Insurance Committee was held on May 17, at which the following scheme was approved and ordered to be forwarded to the Board of Health for approval: Chemists' shops shall be open on weekdays from 9 A.M. to 8 P.M.; Saturdays, from 9 A.M. to 9 P.M.; Wednesdays, from 9 A.M. to 1 P.M. On Wednesdays attendance will be given in various districts for one to two hours between 6 and 8 P.M. On statutory holidays a morning and evening service will be given. On Sundays attendance will be given to suit different localities, the typical service being 9.30 to 10.30 A.M., 1 to 2, and 6 to 8 P.M. Mr. W. F. Hay pointed out that the closing hour in future would probably be 7 P.M., and on behalf of the panel chemists he was not prepared to take the responsibility of signing the exact hours without consulting them. He had learned that 7 P.M. closing time was recommended from headquarters for chemists throughout Scotland, and there was no reason why Aberdeen should stand in an exceptional position.

Elgin.—At a recent meeting of the Moray and Nairn Insurance Committee a Sub-Committee of six members was appointed to confer with the Panel Committee and prepare a statement of terms for the provision of drugs by doctors and chemists. One name was added to the list of persons supplying drugs and appliances.

May Drug Tariff.

The following are the alterations for May in the Drug Tariff for Scotland :

Acid. citric., 9*d.* oz.; acid. gallic., 1*s.* 6½*d.* oz.; acid. tannic., 1*s.* 9*d.* oz.; acid. tartaric., 5½*d.* oz.; aq. aurant. flor., 1*d.* oz.; aq. sambuci, 1*d.* oz.; argent. nit. dr., 1*s.* 2*d.*; argent. nit. indur., 1*s.* 2*d.* dr.; butyl chlor. hyd., 14*s.* oz.; caffeina, 5*s.* 11½*d.* oz.; caff. cit., 4*s.* 2½*d.* oz.; calcii lact., 1*s.* 4½*d.* oz.; camphora, 1*s.* 9*d.* oz.; chloroformum camph., B.P.C., 2*s.* 1½*d.* oz.; cocain. hydrochlor., 11*s.* 5½*d.* dr.; ergotin, B.P., 1898, 37*s.* 10*d.* oz.; ext. aloes, 5½*d.* oz.; ferri et ammon. cit., 9½*d.* oz.; hexamina (urotropine), 2*s.* 7*d.* oz.; lin. balladon. meth., 9*d.* oz.; lin. camph., 7*d.* oz.; lin. camph. ammon. meth., 6*d.* oz.; lin. chlorof., 10½*d.* oz.; lin. hydrarg., 11*d.* oz.; lin. opii, 8*d.* oz.; lin. sapon. meth., 3*d.* oz.; liq. hamamelidis, 3½*d.* oz.; menthol, 7*s.* 8½*d.* oz.; ol. amygd., 5*d.* oz.; ol. anisi, 11½*d.* oz.; ol. cajuput., 11½*d.* oz.; ol. morrhuæ, 4*s.* Imperial pint; ol. terebinth., 2½*d.* oz.; phenacetin., 3*s.* 0½*d.* oz.; physostig. sulph., 1*s.* 3*d.* gr.; potass. cit., 10½*d.* oz.; resorcinum, 5*s.* 11½*d.* oz.; santonin., 13*s.* 2½*d.* dr.; sp. rect., 1*s.* 10*d.* oz.; syr. aurantii, 5*d.* oz.; syr. calcii lactophosph., 5½*d.* oz.; syr. chloral., 6*d.* oz.; syr. codeinæ phosph., 7½*d.* oz.; syr. ferri iod., 6*d.* oz.; syr. ferri phosph. co., B.P.C., 3*d.* oz.; syr. ferri phosph. cum quin. et strych., 5*d.* oz.; syr. glycerophos. co., B.P.C., 5½*d.* oz.; syr. limonis, 4*d.* oz.; syr. pruni virg., 4*d.* oz.; syr. rhei, 5*d.* oz.; syr. scillæ, 3*d.* oz.; syr. sennæ, 5*d.* oz.; syr. zingib., 4*d.* oz.; theobromin. et sod.-salicyl., 4*s.* 8*d.* oz.; tinct. aurantii, 1*s.* 9*d.* oz.; tinct. guaiaci ammon., 1*s.* 2*d.* oz.; troch. acid. tannic., 4½*d.* oz.; ung. hydrarg. co., 10*d.* oz.; vinum antimon., 4*d.* oz.; vinum colch., 6½*d.* oz.; vinum ipecac., 6*d.* oz. Bandages: Crêpe, 2 in., 1*s.* 8*d.* each, 2½ in., 2*s.* 1½*d.* each, 3½ in., 2*s.* 11*d.* each; flannel, 2½ in., 25 oz., 2*s.* 8½*d.* each, 3 in., 30 oz., 3*s.* 3*d.* each; plaster of Paris, 3 in. by 6 yds., 1*s.* 10*d.* each. Lints: Unmedicated, 1 oz., 7*d.*; 2 oz., 1*s.* 1*d.*; 4 oz., 2*s.*; 8 oz., 3*s.* 9*d.*: 1 lb., 7*s.* 4*d.* Boric: 1 oz., 5*d.*; 2 oz., 8½*d.*; 4 oz., 1*s.* 4*d.*; 8 oz., 2*s.* 5½*d.*; 1 lb., 4*s.* 8*d.* Wools: Boric, 3*s.* 8*d.* per lb.; 4*d.* per oz.; tow, 11*d.* per lb. Ice bags: Rubber, helmet shape, 15*s.* 4*d.* each. Catheters: Soft rubber, 1 to 12, 11*d.* each; soft rubber, over 12, 1*s.* 4*d.* each.

Association Affairs.

General Workers' Union.—At Bolton, a meeting of the pharmacist section of the National Warehouse and General Workers' Union was held on May 19, at which Mr. Gilmour, the organising secretary, was the speaker.

London.—A meeting of the Executive Committee of the London County Pharmaceutical Association was held on May 18, Mr. G. B. Barnard (President) in the chair. Messrs. Milner, Shirtliff, Melhuish, Noble, Keith, and Watson were appointed to represent the London County Pharmaceutical Association at the British Pharmaceutical Conference in July. With regard to the compilation of a record of war services by London pharmacists, the Committee appointed a Special Sub-Committee, consisting of Messrs. Trick, Melhuish, Jenkin, and the secretaries of the six district Associations. The Committee agreed that steps should be taken to secure the earlier attendance of doctors at their surgeries. Further, it was suggested that the Panel and Pharmaceutical Committees should confer on the matter as early as possible. A letter from the Pharmaceutical Society was read, stating that the re-election of the Local Associations Executive would take place in January next. The report of the last meeting of delegates to the Metropolitan Federation was received, and twelve representatives for London were then appointed to the Executive Committee. Their names were submitted to Mr. Mallinson immediately. The Chairman of the Trade Sub-Committee gave a verbal report of the steps taken to secure a reasonable profit on proprietaries. The Committee endorsed the action. The Committee passed a resolution recording its appreciation of the action taken by the Pharmaceutical Committee in connection with the continued use of triplicate prescription-books.

Manchester.—A Council-meeting of the Manchester Pharmaceutical Association was held on May 21 at 65 Market Street, when the election of officers for the year 1920-21 took place. Mr. J. Cleworth was elected *President*; Mr. A. Hershberg and Mr. Eastwood were elected *Vice-Presidents*; and the other officials of the tion were re-elected—*viz.*: Mr. A. J. Pidd, *T* Mr. T. Miller, *Secretary*; Mr. A. Hershberg, *Ho tary of the Pharmaceutical (Insurance) Commit* Mr. A. L. Blain, *Librarian.*

London (S.W.).—The South-West London Association held the annual general meeting on the President (Mr. J. Humphrey) in the chair. lowing officers were elected for next session: *P* Mr. J. Humphrey. *Vice-Presidents*: Messrs. Atkins and G. F. Barratt. *Hon. Secretary*, Mr Wells. *Treasurer*, Mr. J. E. Monaghan. *Actin Secretary*, Mr. E. Skues. *Acting Social Secreta* A. T. Borrowman. *Committee*: Messrs. Boyes Davies, Fairlee, Garton, Glew, Goy, Ingham Keith, Lewis, Mason, Rees, and Thornton. Th and balance-sheet of the past year were adopt votes of thanks were passed to the retiring treasu C. Yeoman) and to the auditors (Messrs. Keith an It was decided to support the Metropolitan Fed and Messrs. Atkins and Skues were appointed rep tives on the Executive Committee.

Middlesex.—At a meeting of the County E of the Middlesex Pharmaceutical Association, May 19, Messrs. Skinner and Wolff were appo delegates to the British Pharmaceutical Conferen ing at Liverpool. Regret was expressed at the u tutional action of the Local Associations Executi mittee in extending its term of office witho authority. The appointment of representatives proposed Metropolitan Federation Executive was d as was also consideration of arrangements for pre pharmaceutical military record, while the ques subscribing to the Harrison Memorial was referre District Associations.

Ulster.—The Ulster Retail Drug-trade Associat a committee meeting on May 20, Mr. S. Suffern dent) in the chair. The following were also p Messrs. H. Crail, W. C. Dobbin, S. Fleming, McRoberts, C. Abernethy, Jos. Moffet, and the s (Mr. W. J. Stevenson). Correspondence from lowing was received: Dublin and Provincial Retai trade Association, Johnson Bros., Wm. Hill, The Drug Houses, Ltd., the hon. secretaries British maceutical Conference, Devon Pharmaceutical tion, Wm. Orr, A. McBride, J. Gillespie, Henry Jo Fassett & Johnson, Ltd., W. E. Wilson, Moffitt, Jos. Dougherty, and A. W. Mann. It cided that Mr. Culbert and the secretary obtai mates for printing cards suggesting 2*d.* and 4*d.* minimum quantity of certain articles, and have the sary information for next meeting. A lengthy dis afterwards took place on pricing; it was ultimat cided to verify certain prices of drugs recently iss price slips. A member was found again to be cutt retail price of malt and cod-liver oil. It was agre draft rules be put on the agenda for the forth general meeting.

Wolverhampton.—A meeting of the Wolverha Chemists' Association was held on May 19, at whi C. M. Warner presided. A vote of thanks was ac to Messrs. Bowdler and Hibberd for their negot with regard to affiliation with the Chamber of Com and the President and Mr. Phillips were appointed sentatives on the Retail Section of the Chamber. committee was formed to arrange for an outing. Trotter then read an interesting paper on *A Visit Pepysian Library.*

Women Pharmacists.—The London Group National Association of Women Pharmacists held a ing on May 18, when an address was given by Mr. Hocking, B.Sc., on *The Present Position and Prospects of Hospital Pharmacy.* Questions were the speaker, and an animated discussion followed.

The exports of medicinal and pharmaceutical pre tions from the United States during the twelve m ended December 1919 amounted in value to $18,98 against $10,824,000 in 1918 and $9,740,000 in 1917.

Trade Report.

iven in this section are those obtained by importers or turers for bulk quantities or original packages. To these rious charges have to be added, whereby values are in stances greatly augmented before wholesale dealers he goods into stock, after which much expense may be in garbling and the like. Qualities of chemicals, drugs, many other commodities vary greatly, and higher an those here quoted are charged for selected qualities l products even in bulk quantities.

42 Cannon Street, E.C. 4, May 27.

cal and drug markets have remained more or holiday influences, and very little business is nges in valnes being few. Arrivals of produce ly all kinds continue of good volume, includ- d chemicals. Of the latter, Germany continues reasing quantities of pharmaceuticals, besides iscellaneous goods. One of the main features gn exchanges during the past three weeks has eady recovery in the value of the German this has given much ground for conjecture. last the sovereign could purchase 370 marks; buy only 120 (2*d.*) or less. The principal e week is a reduction of 6*l.* to 7*l.* per bottle in d mercurial salts have been reduced 1*s.* per on is also lower. Cream of tartar is firmer, ot price much lower than forward delivery; powder has been in better demand, and is rder; citric acid is nominal. Saccharin is mer, owing to the sugar outlook. American advanced their prices by over a dollar, but preferential duty prevents competition from Vanillin is easier. Shellac has had a sub- ance in all positions. Copper sulphate is ntimony is weak. Other products which have alue include albumen, balsam tolu, cloves, d pepper. Honey is steady, and more likely than decline in view of the sugar outlook. e products are quiet. The news from Japan ows that the financial trouble in that country p-seated than was at first apparent.

Firmer	Easier	Lower
Cream of tartar Mint oil (Jp.) Saccharin Tartaric acid powder	Anise oil star Balsam tolu Cloves Copper sulphate Pimento Vanillin	Albumen Egg products Mercurials Mercury Pepper Pyrogallic acid Soya-bean oil Stramonium Vermilion

Cablegrams.

May 27.—The catch of cod amounts to against 25,700,000 at the corresponding date r, and the yield of oil amounts to 49,538 inst 31,899 barrels at the same date of 1919. rken fishing is now making normal progress, rket for medicinal oil is without movement.

K, May 25.—Business is fair. Menthol is .75 per lb., and peppermint oil in tins has d to $7.25 per lb. Balsam-tolu is lower at nercury is $10 lower at $85 per bottle. Anti- azone) is 5c. cheaper at $6.25 per lb. Phena- lvanced to $2.50, and saccharin to $4.50 per uchu is dearer at $3.75 per lb.

t is dull at 2*s.* 9*d.* per lb. for No. 1 Kobe t 2*s.* 6*d.* for No. 2 Yokohama. The exports during February amounted to 134,743 kin, 12,970 yen. During the two months ended they were as follows :

	1918	1919	1920
... ...	447,757	246,838	186,242
... ...	419,271	298,382	288,795

Albumen is lower, prime Chinese egg offering at 4*s.* 10*d.* per lb. on the spot; to arrive, June-August shipment is quoted at 4*s.* 8*d.* per lb. c.i.f.

Aloes.—The exports from the Union of South Africa during January 1920 amounted to 72,569 lb. (1,215*l.*), against 33,676 lb. (337*l.*) in January 1919. The following table shows the exports during 1919, compared with 1918, by countries of destination :

To	1918		1919	
	lb.	£	lb.	£
United Kingdom ...	155,986	1,322	945,395	10,342
Hong Kong	29,312	335	41,580	410
Straits Settlements ...	—	—	28,414	400
S.W. African Protect.	—	—	50	2
France	—	—	20,295	238
Portuguese E. Africa	—	—	26,797	466
Japan	99,540	1,317	94,761	1,049
United States	254,839	3,443	45,690	615
	539,677	6,417	1,202,982	13,522

Alum is scarce at 25*s.* per cwt. for lump and 26*s.* for powdered ex wharf London.

Antimony.—There is not much doing either in refined or crude, and supplies on the whole are rather more plentiful. For material actually available on the spot sellers are somewhat less eager to realise, as prices have had a heavy fall. Foreign regulus ranges from 55*l.* to 58*l.*, according to position, and Chinese crude is quoted at about 42*l.* per ton c.i.f. home ports. American imports for the earlier part of this year showed a moderate increase.

Balsam Tolu is easier, single cases offering at 7*s.* 6*d.*, per lb. on the spot.

Buchu.—The exports from the Union of South Africa during January 1920 were *nil*, against 987 lb., valued at 150*l.*, in January 1919. The following table shows exports during 1919 compared with 1918 by countries of destination :

To	1918		1919	
	lb.	£	lb.	£
United Kingdom ...	40,141	8,615	31,845	8,047
India	—	—	565	120
Australia	219	41	828	191
New Zealand	—	—	500	213
Hong Kong	—	—	1	—
United States	49,315	8,292	115,427	28,559
	89,675	16,948	149,166	37.130

Capsicums.—The *Zaria* from the West Coast of Africa has brought 1,118 bags to Liverpool.

Chemicals (Photographic).—The following are a few current spot quotations, according to quantity, of the principal photographic chemicals : Amidol (British make) is offered at 11*s.* 6*d.* per lb. in cwt. lots; hydroquinone (British-make), 10*s.* 6*d.* to 15*s.* per lb.; hyposulphite of soda, in crystals, 40*l.* to 45*l.* per ton; metol (British make) is offered at 20*s.* per lb. in cwt. lots; potash bromide, 3*s.* 3*d.* to 4*s.*, but offers have been made so low as 2*s.* 6*d.*; the quality, however, is doubtful. As mentioned in the *C. & D.*, May 15, the British market is at the moment probably the cheapest in the world, the New York present price is the equivalent of 5*s.* per lb.; potash metabisulphite, 2*s.* 9*d.* to 3*s.* 3*d.* per lb.; pyrogallic acid (British make) is lower at 11*s.* to 15*s.* per lb.; silver nitrate, crystal, 3*s.* 6*d.* per oz.; fused, 3*s.* 8*d.* A consignment valued at 1,000*l.* has arrived from

Germany. Soda carbonate, recrystallised, 15*l.* to 18*l.* per ton; soda sulphite, 32*l.* to 35*l.* per ton.

Camphor (Crude).—Chinese for prompt shipment is offered at 6*s.* per lb. c.i.f., and spot at 5*s.*

Camphor (Refined).—Japanese is quiet, the spot value of 2½-lb. slabs being 10*s.* 6*d.* per lb., which has been paid, sellers on Wednesday quoting 10*s.* 3*d.*

The Japanese Camphor Monopoly Office has guaranteed a minimum allotment of camphor to the United States for the period of May and June of 327,386 lb., with the possibility of permitting a maximum allotment to the United States of 349,000 lb. The prices per cwt. are given as 227 yen ($113.16) for grade B and 255 yen ($127.12) for grade BB. The previous allotment was 379,635 lb. at 557*s.* per cwt.

The exports from Japan during February amounted to 85,972 kin, valued at 437,476 yen. During the two months ended February 29 they were as follows:

To	1918 Kin	1919 Kin	1920 Kin
British India ...	112,183	1,523	119,547
Great Britain ...	97,636	4,385	52,392
France	—	44,577	6,710
United States ...	53,758	239,319	47,506
Australia	15,159	—	36
Other Countries ...	28,529	22,588	11,467
Kin	307,265	312,392	237,658
Yen	5,8,466	916,914	1,322,830

Cinchona.—An auction will be held at Amsterdam on Wednesday, June 9, when 919 packages Java pharmaceutical bark, weighing about 45,450 kilos., will be offered.

Citric Acid is nominal at 6*s.* per lb. on the spot.

Cloves.—Zanzibar are quiet and slightly easier at 1*s.* 11*d.* per lb. for fair.

Coca-leaves.—An auction will be held on Wednesday, June 9, at Amsterdam, when 3,078 packages Java, weighing about 175,159 kilos., will be offered.

Cod-liver Oil.—Our Bergen correspondent writes on May 18 that the Finmarken cod-fishing is being seriously hampered by the invasion of a large number of seals, which are driving the shoals of cod from the shore. So long as the seals are present, regular fishing cannot take place. The market for finest medicinal oil is unchanged. The official results of all the Norwegian fisheries up to May 8 show a total of 29,298,000, with a yield of 44,000 hectolitres of steam-refined oil, and 4,252 hectolitres of livers for crude oil. The total exports of medicinal oil from all Norway up to May 8 amount to 13,230 barrels.

Colchicum-root is steady at 3*s.* 3*d.* per lb. on the spot.

Copper-sulphate.—The idle conditions in regard to general business have, if anything, been intensified by the recent severe drop in the price of copper. Export buyers show no indication of becoming much interested at the current quotations of 47*l.* to 48*l.* per ton f.o.b. Liverpool, less 5 per cent. for casks. Prospects would seem to point to dearer copper in the long run, due to much-reduced stocks in America and a seriously attenuated production in consequence of labour disturbances. Apparently efforts are being made in India to develop sulphate-making, and certain quantities of raw material are being despatched from this side to India for this purpose.

Cream of Tartar.—The price of French makers is maintained at 375*s.* per cwt. for forward delivery, but spot (London) has been sold at 295*s.* to 300*s.* per cwt. for 99 to 100 per cent., and the market closes at the higher figure. Buying is quite hand to mouth, and as spot parcels are much cheaper than forward, there is no inducement to contract.

Elemi.—Arrivals from Manila comprise 84 cases to London and 220 cases to Liverpool.

Ergot.—The *Como* has brought four cases of ergot from Oporto to Liverpool. To arrive Spanish is quoted at from 37*s.* to 38*s.* per lb. c.i.f.

Egg Products remain quiet, and 2*s.* 6*d.* per cwt. easier for Chinese liquid hen-yolk, which is offered at 87*s.* 6*d.* per cwt. on the spot, and June-August shipment is 5*s.* cheaper at 82*s.* c.i.f. Dried native whole is 1*s.* on the spot, sprayed whole egg 2*s.*, and dried yolk [illegible] spot.

Farina is steady, with Japanese No. 1 quality at 30*s.* per cwt., and afloat at 30*s.* 6*d.* c.i.f.; [illegible] spot is 28*s.*

Honey is steady, and in view of the sugar [illegible] likely to advance rather than recede. The principal [illegible] tors are waiting for the auction next week. [illegible] include Australian at 70*s.* per cwt. for fair [illegible] mixed colours.

Ipecacuanha.—The *Herschel* has brought [illegible] from Monte Video to Liverpool.

Menthol is quiet but steady, with spot [illegible] Kobayashi-Suzuki at from 52*s.* to 53*s.* per lb. [illegible] and Yazawa at 50*s.* The exports from Japan [illegible] February amounted to 3,361 kin, valued at [illegible] During the two months ended February 29 they [illegible] follows:

	1918	1919
Kin	27,894	23,171
Yen	165,815	205,412

The Japanese official Returns have ceased publication [illegible] the countries of destination.

Mercurials.—Following on the reduction [illegible] the British makers of salts have reduced the [illegible] 1*s.* per lb. The list prices and below one [illegible] follows: Hyd. ammon., 7*s.* 8*d.*; hyd. oxide [illegible] ditto, prep., 7*s.* 6*d.*; ditto, flav., 7*s.* 5*d.*; hyd. [illegible] 6*s.* 10*d.*; hyd. persulph., 5*s.* 11*d.*; hyd. subch[illegible] and hyd. sulph. nig., 6*s.* 5*d.* per lb.

Olive Oil is steady, finest new cream Fre[illegible] at from 20*s.* to 25*s.* per gal., and Spanish edible [illegible] at from 20*s.* to 21*s.* per gal.

Opium remains unchanged, 12 per cent. drugs[illegible] ing at from 19*s.* 6*d.* to 20*s.* per lb. on the spot [illegible] pared with prices at primary sources, and [illegible] London is the cheapest world's market. Jap[illegible] tiating for further important quantities in the [illegible] nople market, the last quoted price from [illegible] being 19*s.* per lb. c.i.f. for 11¾ per cent.

Smyrna, April 30.—The sales this week amount [illegible] at piastres 1,150 per oke, for extra druggists' [illegible] ing; piastres 1,250 for selected soft Yerli; and fr[illegible] 700 to 1,100 for current talequale qualities. [illegible] are equivalent to 15*s.* to 22*s.* per lb. c.i.f. T[illegible] to-day is piastres 475 per pound sterling for [illegible] $0.85 for one Turkish paper pound. The [illegible] 1,575 cases, against 375 at same date last year.

Smyrna, May 8.—The sales this week on [illegible] amount to 28 cases at piastres 980 to 1,250 per [illegible] quality, which is equivalent to 16*s.* to 22*s.* per lb. [illegible] of destination. The exchange has [illegible] piastres 455 for cheque per pound sterling and $[illegible] Turkish paper pound. The arrivals are 1,600 c[illegible] 375 at same date last year.

Pepper has been dull and easier, with spot s[illegible] black Singapore at from 7⅛*d.* to 7*d.* per lb. [illegible] May-July, June-August, and August-October [illegible] sold at 6⅞*d.* to 7*d.* c.i.f. Lampong on spot [illegible] June-August 7¼*d.* c.i.f. Tellicherry is lower a[illegible] Alleppy at 7½*d.* per lb. spot. *White* pepper con[illegible] fair Muntok offering at 1*s.* 0¾*d.* spot and Aug.-O[illegible] at 1*s.* c.i.f.; Singapore is 1*s.* 0½*d.* spot.

Pimento is slightly easier, and, as stocks are [illegible] a further reduction is anticipated.

Platinum is nominal at 480*s.* per oz., and s[illegible] is to 300*s.*

Potash Iodide.—The exports from Japan [illegible] February amounted to 2,143 kin, valued at [illegible] During the two months ended February 29 th[illegible] follows:

	1918	1919
Kin	27,681	18,957
Yen .	167,109	122,530

Of *crude iodine*, 954 kin, valued at 10,056 yen [illegible] ported during February, and the exports for the [illegible] months ended February 29 were:

	1918	1919
Kin	10,913	2,799
Yen	64,000	17,019

VER.—As suggested in our editorial columns a sharp decline has ensued on the part of the porters of Spanish, this cut amounting to as to 7*l.* per bottle, the closing quotation being , but there is not much doubt that good ere disposed of at that figure, judging from the he "outside" market late last week consoli- at about 20*l.* 10*s.* to 21*l.* per bottle. There air demand since on this basis. The market at is not believed to be over-supplied, although onsignments from Spain may be expected. The parcels of Italian metal that were hanging over recently has apparently been reduced; hence competition in that direction has practically that Spanish has been reduced 6*l.* Arrivals comprise 300,000 lb.

has a distinctly firmer tendency owing to the ge, with British make offering at about 140*s.* y paid. The premier brand of American (550 red in small lots at 26*s.* per lb. in bond. The erican makers have advanced their prices, and 3.50, with second-hands offering at $3.75. The gar situation has brought about a heavier that side also. Since the above was written rk cable announces an advance to $4.50.

s been selling rather more freely of late, the eing about 11*s.* 9*d.* per lb.

-Prior to the Whitsuntide holiday the market advancing tendency, closing on spot at from . for usual standard TN Orange; this advance en continued, and on Tuesday from 590*s.* to aid, or a rise of 30*s.* since our last report. Garnet is 570*s.*, free 600*s.*, and IG 520*s.* per button has been sold at 950*s.* Futures have activity at irregular but higher rates, the sales ugust delivery at from 510*s.* to 570*s.* to 560*s.*, at from 480*s.* to 535*s.* to 525*s.* For May-June lers quote 540*s.* c.i.f.

M-LEAVES are lower at 70*s.* per cwt. for

ACID.—The warmer weather has improved , and powder is slightly firmer at 4*s.* 1*d.* crystals are worth 4*s.* 2*d.*

NE.—A sensitive and continuously fluctuating been seen lately. Buyers are cautious, but, have to pay stiff prices for spot, as supplies held in few hands. There is nothing fresh crop developments, which are believed to con- actory. A feature of interest has been the ncy of distant positions at around 150*s.* per ups and downs in spot delivery are not un- me time, and an appreciation of about 15*s.* taken place since the close of our last report, tation on Wednesday evening being 190*s.*

is easier, dealers offering at 77*s.* per lb.

.—The British makers have reduced their *l.* per lb., quoting from 6*s.* 9*d.* to 6*s.* 10*d.* rding to quantity.

ETABLE, is steady at 108*s.* per cwt. on the spot. from Japan during February amounted to valued at 61,131 yen. During the two months ary 29 they were as follows:

	1918	1919	1920
...	959,811	384,221	222,040
...	306,709	125,451	123,429

Essential Oils Market.

ns of importance are to be recorded this week, are hoping that the Whitsuntide recess may end of what has been described generally period so far as prices and supplies are con- rket quotations on the whole are unchanged, Continental exchanges have improved, against firmer quotations are probable in some in- thetic and allied products are, with a few n good supply, and early in the week a fair reported. With regard to the future trend of Continental makers have explained to their the raw material, used for the products now bought at high rates of exchange, and therefore, although these rates are now lower (notably in the case of Germany) no relief can be expected until present stocks are disposed of at prices commensurate with the original cost of raw material. While this seems reasonable, it is to be hoped that production will not be unduly retarded until this desideratum is reached.

ANISE, STAR, is quiet, the spot value of "Red Ship" brand being 4*s.* 4½*d.* per lb.

BERGAMOT, 37-38 l.a., is steady at last week's prices, but there appears to have been little business done.

CAMPHOR.—The exports from Japan during February amounted to 188,396 kin, valued at 68,463 yen. During the two months ended February 29 they were as follows:

	1918	1919	1920
Kin	22 550	21,806	624.152
Yen	5,570	5,316	237,454

CANANGA is quiet on spot at 25*s.* to 26*s.* per lb.

CEDARWOOD is unchanged on spot at 3*s.* 6*d.* to 3*s.* 8*d.* per lb. A New York report states that spot stocks are small, and holders have again advanced their quotations. From 55c. to 58c. per lb. is asked. Demand is active. Offers of cedar-leaf oil on the spot are being made at $2.00 per lb., and up to $2.25 is being asked in some quarters. The general position of the oil seems to be slightly easier.

CITRONELLA.—Ceylon is unchanged at 3*s.* 4*d.* to 3*s.* 8*d.*; Java at 5*s.* 6*d.* to 5*s.* 9*d.*

DILL.—For English-grown 48*s.* to 50*s.* per lb. is mentioned on spot. Dutch is offered at 44*s.* per lb. on spot, and East Indian c.i.f. at 20*s.* in one direction.

EUCALYPTUS, B.P., is said to have been offered at 2*s.* 7*d.* per lb. upwards this week, but there is practically no demand.

GINGERGRASS has been the subject of several inquiries, and up to 20*s.* 6*d.* per lb. has been quoted, but business was done at 19*s.* per lb. this week

JUNIPER-BERRY is neglceted, with spot prices from 18*s.* to 22*s.* per lb., according to quality and source.

LEMON is unchanged at from 8*s.* 6*d.* to 9*s.* 6*d.* on spot and to come forward 8*s.* 6*d.* c.i.f. is quoted.

LINALOE has been in fair demand at from 37*s.* to 38*s.* per lb.

MINT.—Japanese demeutholised is firmer, with sellers of Kobayashi-Suzuki at 10*s.* 6*d.* per lb. on the spot, and for Yazawa 9*s.* 3*d.* has been paid. The exports from Japan during February amounted to 5,910 kin, valued at 52,783 yen. During the two months ended February 29 they were as follows:

	1918	1919	1920
Kin	10,695	20,555	28,099
Yen	22,606	62,571	178,557

MUSTARD, B.P., is offered on spot at 70*s.* to 75*s.* per lb., and c.i.f. 70*s.* For artificial 30*s.* per lb. is mentioned.

PALMAROSA of good quality is difficult to find at 26*s.* to 27*s.* per lb. Inferior qualities can be obtained at 24*s.* to 25*s.* per lb.

PATCHOULI has been in request, and from 88*s.* to 90*s.* per lb. and upwards is mentioned on spot.

PEPPERMINT is very quiet. Wayne County (so called) is unchanged at 42*s.* per lb. on spot. B.P. oil, Dutch origin, is offered at 24*s.* per lb. An American report states that peppermint oil holdings are easier. For natural oil in tins $7.50 per lb. is quoted, and producers name $8.00 as the price. For U.S.P. re-distilled oil from $8.00 to $8.50 is asked.

PETITGRAIN.—Paraguayan is still scarce at 29*s.* to 32*s.* 6*d.* per lb. on spot. To come forward from 28*s.* to 30*s.* per lb. is mentioned.

SPIKE.—French is unchanged at from 15*s.* to 16*s.*, and Spanish is offered at 12*s.* 6*d.* to 13*s.* 6*d.* per lb.

Aromatic and Synthetic Chemicals.

BROMSTYROL is quoted at from 30*s.* to 35*s.* to arrive and 40*s.* per lb. spot. A bromstyrol substitute is offered at 25*s.* CINNAMIC ALCOHOL, English make, is quoted at 110*s.* per lb., Swiss at 100*s.* Spot supplies of CITRAL are obtainable at 35*s.* to 37*s.* 6*d.* Best qualities of CITRONELLOL are offered at 80*s.* to 85*s.* per lb. on spot. METHYL ANTHRANILATE has been bought at 42*s.* 6*d.* this week. Among the recent arrivals the following are mentioned: Amyl salicylate (Holl.), 12*l.*; aubepine (Holl.), 72*l.*; bromstyrol (Holl.), 117*l.*; coumarin, 655*l.*; geraniol (Holl.), 47*l.*; heliotropin (U.S.), 238*l.*; ionone (Switz.), 175*l.*; phenyl acetic aldehyde, 231*l.*; safrol (U.S.), 480*l.*

Oil of Pimento Leaves.

With further reference to a recent report on pimento-leaf oil (*C. & D.*, March 20, p. 72), the Jamaican Government has authorised a special expenditure for the construction of apparatus for the extraction of oil from pimento-leaves at

the Government Laboratory whereby the essentials for the success of this new industry can be established before commercial activity is commenced. At the end of April fairly large samples of pimento oil were expected to be available from the experimental plant at the laboratory for transmission to the manufacturers of vanillin abroad to be tested against clove oil for eugenol.

Ceylon Citronella Oil.

The Ceylon Chamber of Commerce, in a report just issued for the year ended December 31, 1919, states: The exports of citronella oil for the year are almost identical with those of last year, the actual figures being 1,050,989 lb. for 1919 and 1,048,202 lb. for 1918. A noticeable increase in the exports to France is apparent, 145,750 lb. being exported during 1919 compared with 4,421 lb. in 1918. Holland and Italy have also partaken in the distribution to the extent of 31,528 lb. and 23,321 lb., against *nil* for the previous year. Under the gradually extending influences of rubber cultivation the areas of citronella grass are tending further south. Adulteration is still the regular practice, but the higher cost of the chief adulterant has tended to limit its use to some extent. Shipments of the oil from January 1 to April 12, 1920, reached a total of 247,832 lb., compared with 275,448 lb. during the corresponding period last year. Destinations and quantities (in lb.) are as follows: U.K. (1920) 75,731, (1919) 79,732. France (1920) 10,311, (1919) 100,412. Holland (1920) 5,543, (1919) *nil*. Italy (1920) 9,076, (1919) *nil*. West Australia (1920) 1,034, (1919) *nil*. Victoria (1920) 3,375, (1919) *nil*. N.S.W. (1920) 5,767, (1919) *nil*. U.S. (1920) 128,240, (1919) 77,437. Egypt (1920) 2,395, (1919) *nil*. India (1920) 6,360, (1919) 17,867.

Effects of War on Chinese Musk Exports.

An interesting and up-to-date report on Chinese musk has been written by U.S. Consul P. R. Josselyn, in the course of which he states that Chungking is the chief port of original export, which is brought into Szechwan from Tibet. The musk deer (*Moschus moschiferus*) is a small deer 20 inches in height, with large ears, long legs, and coarse, goatlike hair. Neither male nor female has antlers or horns, but the male has the upper canine teeth developed into tusks about 3 inches long. Musk occurs as a resinous substance in a gland on the abdomen of the male, and is secreted during the rutting season. The deer is found at an altitude of over 8,000 feet in wooded country, either solitary or in pairs. The export of musk from Chungking has decreased considerably within the past twenty-five years. During the ten years from 1893 to 1902 the average yearly export through the Maritime Customs at Chungking was 3,971 lb., while during 1918 the amount exported was only 948 lb. This decline was partly due to the war; but for the past fifteen years there has been a steady decline, which would indicate that the musk deer is no longer as plentiful or as easily caught as formerly. The average yearly export of musk through the Maritime Customs at Chungking was: From 1893 to 1902, inclusive, 3,971 lb.; 1903 to 1912, 3,228 lb.; 1913 to 1916, 2,433 lb. In the year 1917 it was 1,340 lb., and in 1918, 948 lb. The average total yearly export abroad from all China bring the years 1907 to 1913, inclusive, was 3,826 lb., while during the four years from 1914 to 1917 the average dropped to 2,739 lb. Probably considerably less than one-half of the musk which comes into China from Tibet is exported abroad. The remainder is used locally by the Chinese medicine shops and as a perfume. Before the war France took approximately 50 per cent. of the export abroad, the United States coming second, taking about 20 per cent. Since the war, although the total exports have declined, yet the exports to the United States have increased in quantity. During the five years before the war—that is, the years 1910 to 1914—the average yearly export to the United States from all China was 406 lb., valued at 120,284 Haikwan taels. During the three years 1915-17, inclusive, the average export to the United States increased to 613 lb., valued at 195,087 Haikwan taels. The percentage of export to the principal countries is given below:

	1907–10 Per cent.	1911–14 Per cent.	1915–17 Per cent.
France	50	45	27
United States	17	20	40
Great Britain	9	9	8
India	9	4.5	9
Japan	3.5	6.5	3
Other Countries ...	11.5	15	13

Sulphate of Ammonia Export Prices.

We gather (says "The Times") that correspondence has recently been passing between various bodies, official and private, on the subject of the export price of sulphate of ammonia. It appears that the price in the United Kingdom has been about 25*l*. per ton; but the controlled price to Mauritius, Ceylon, and the West Indies has been to 40*l*. per ton. The argument of the West India is that any supplies available after the requirements agriculturists have been satisfied should be offered consumers abroad at precisely the same prices. T of Agriculture has, however, pointed out that the of Ammonia Association, which controls the sal to obtain the world's market price for any surplus home demand has been met. It is added that th tion has instead sold the product to the West I prices considerably lower than those obtained fro countries." The Ministry feels, therefore, that it reasonably ask the Association to make any great sion." The question undoubtedly presents certai ties, but it would certainly seem that British lan are entitled to every possible consideration in this of fertilisers, especially as they are producing for consumption in this country. In the circumst simplest and most satisfactory development would be a large increase in production, with a automatic drop in prices.

New Prices for Ammonium Sulphate

The Ministry of Agriculture and Fisheries and of Agriculture for Scotland have come to an a with the majority of the makers of sulphate of am to the maximum prices to be charged in the seaso These prices, which are the maximum net cash sulphate of ammonia containing 24¾ per cent. by ammonia in makers' 2-cwt. bags, delivered in qua not less than 4 tons to the purchaser's or consumer railway station or wharf in Great Britain, or f.o.b port in the case of sales to Ireland, Isle of Ma Channel Islands, and are subject to a trade discou case of sales to manure mixers, agricultural m dealers, and co-operative societies, are as follows:

Month of Delivery		Price per bags, ne £	s.
June,	1920	23	10
July,	,, ...	23	10
August,	,, ...	24	0
September,	,, ...	24	10
October,	,, ...	25	0
November,	,, ...	25	10
December,	,, ...	26	0
January,	1921	26	10
February,	,, ...	27	0
March, April and May	... ...	27	10

The other conditions of sale remain the same a the past season, except that the additional charge rised for each additional ¼ of 1 per cent. of amm sulphate of ammonia containing less than 0.025 per free acid, and for sulphate of ammonia specially gr the purchaser's request, have been raised to 5*s*. 6*d*. and 7*s*. 6*d*. per ton respectively; and as the basis prices now applies to minimum quantities of four i two tons, an additional charge of 5*s*. per ton is a for deliveries of two tons and over but less than f Farmers should place their orders without delay w usual dealer or co-operative society. Manure merchants, dealers, and co-operative societies sho their orders to the British Sulphate of Ammonia Fe Ltd., 30 Grosvenor Gardens, S.W. 1. Fuller partic these prices and conditions of sale will be given in which will shortly be obtainable, post free, on ap to the Director-General, Land and Supplies Depa Ministry of Agriculture and Fisheries, 72 Victoria S.W. 1.

Cuban Honey.

In the course of an article on Cuban honey i Times" Trade Supplement, it is stated that "w are common, particularly in the Cubitas mountains large quantities of honey are annually taken by the bee-hunters; while in favourable localities apiari comprising as many as 500 hives. These consist of logs. Honey-raising is not confined to any partic trict, but flourishes throughout the Republic, alth is more developed in the eastern than in the weste vinces. Cuban honey is marketed almost entirely extracted state, and is shipped in barrels of about 50 capacity. As to the total production in the islan estimated that upwards of 14,000 barrels are sold the Habana market, while considerable quantities exported direct to foreign countries from Manill Santiago de Cuba, Neuvitas, Cienfuegos, and Upwards of 1,000,000 lb. of wax is produced Before the war the greater portion of Cuban ho exported to Belgium, Holland, and Germany, the

eing a centre for distribution to Norway, Sweden, ia. Owing to the war and the changed conditions v exist, Germany is practically excluded from the ney market; and the United States, Great Britain, ce are now the chief consuming countries. At the ime from 4*s.* 7*d.* to 4*s.* 9½*d.* per gallon is being e Cuban producer for honey delivered in Habana, including the barrels; and it is being freely i.f. European ports at 5*s.* per gallon with barrels In the past Cuban apiarists were satisfied with y made hives, usually mere hollow logs, and these used wherever transport is difficult, but only for ction of wax. All over the island wherever the rts can travel, and the production of honey is the modern box hive with frames is in demand.

Dominican Lime Products.

course of the Colonial Report on the Leeward r 1918-19 it is stated that the lime crop for 1918 to 318,074 barrels of fruit. This is the smallest rded in a period of nine years, and showed a f no fewer than 70,000 barrels compared with that evious year. The following table shows the dishe crop under the different heads:

Products	Approximate Percentage
centrated juice	70
juice	25
ate of lime	3
sh limes	2

on with the figures of 1917-18 shows that the perpped as concentrated juice rose from 56 to 70 per s increase being largely due to the embargo on s, while the proportion of raw juice manufactured 26 to 25 per cent. The effect of the embargo seen in the fresh lime trade, which declined from er cent. The following statement gives the comvalues of the export of the different kinds of lime in 1917 and 1918:

roducts	1917 £	1918 £
ntrated juice	56,366	59,596
juice	65,546	74,747
juice cordial	103	—
limes	49,734	11,904
d limes	350	8
e of lime	6,669	2,744
tial oil of lime	17,900	5,856
of lime	8,231	8,671
	£204,899	£163,526

Chinese Camphor Oil.

sh firm has opened up an agency in Kian (Kiangsu for the exportation of camphor oil (says "North mmerce"). The firm, which is known as the o Co., is one of two leading concerns in Kian n camphor oil, the other being a Japanese firm herto has had a monopoly of the trade. With anies demanding the oil, the price rose from $40 100 catties (one catty equals 1⅓ lb.) in 1918, and or 100 catties in 1919. The British firm is now a considerable quantity of oil to Shanghai, the put up in old kerosene tins costing about 60 cents containing about 25 catties. One difficulty which overcome in the development of the business is ce among the natives against cutting down their rees on account of their supposed favourable influ- the prosperity and happiness of the district.

New Zealand Kauri-Oil.

t plant in New Zealand for the extraction of oil ri-gum plant, or "pukau" (which is part of the buried kauri forest saturated with the oil of the mmenced operations at Redhill recently. The uilt to turn out 4,500 gallons of oil per week, its eing motor spirit, a valuable solvent oil, a turpenitute, and paint and varnish oils. The process of the oil is very similar to distilling oil from shale. of distillation is about the same, but the digging ukau" from the swamp is infinitely cheaper than a shale deposit, as "pukau" generally runs in eet thick, having only 1 foot of overearth. At pukau" is sieved by hand; the small pieces of wn as nuts, chips, and seed gum) are saved and acted from the residue. A new machine will be for sieving the "pukau" and washing the gum, thus saving a great amount of labour. This will be a subsidiary branch of the oil-works. In the swamps large quantities of oil-soaked timber are found, which later will likewise be treated for oil. It is claimed that the bark, limbs, and roots of the kauri tree are capable of yielding 110 gallons per ton, richer than the "pukau" itself, and it is estimated that the best swamps carry 500 tons of this oil-soaked timber. The supporters of this Redhill plant claim that the extracting of oil from "pukau" will become the most important industry in New Zealand, as there are thousands of acres of this swamp land in the North Auckland province.

Arrivals of Drugs, Chemicals, etc.

The following products have arrived at the ports named:

London

(May 18 to 25).

Cadmium (N.Y.), 23 bxs.
Chemical products, etc.: (Holl.), 12 cks.; not described, (Germ.) 22 cs., (Fr.) 10 cs., (Norw.) 31 cks., (Antw.) 59 cs. 32 cks.
Acetic acid (N.Y.), 724 brls.
Alcohol, (Natal) 200 drms., (U.S.) 40 drms.
Ammon. sulph. (Holl.), 100 cks.
Argol (Port.), 527 bgs.
Arsenic (Port.), 42 cks.
Barium chlor. (Antw.), 27 brls.
Barytes, (Sp.) 751 brls. 222 cks., (Belg.) 620 bgs., (Germ.) 35 cs.
Borax (N.Y.), 873 sks.
Calc. cit. (S. Amer.), 31 pkgs.
Gallic acid (Belg.), 4 pkgs.
Heliotropin (N.Y.), 9 cs.
Lead sugar (Holl.), 47 cks.
Magnes. chlor. (Holl.), 35 cks.
Mangan. diox. (Swe.), 30 bgs.
Milk sugar (Holl.), 100 cs.
Mercury, (Sp.) 79 botts., (Fr.) 38 botts.
Phenacetin (N.Y.), 8 pkgs.
Potass. salts—chlorate (Swe.), 40 pkgs.; sulph. (Holl.), 2,896 bgs.; nit. (Antw.), 200 bgs.
Prussian blue (Holl.), 11 cks.
Pyrogallic acid (N.Y.), 5 cs.
Quinine (Holl.), 12 cs.
Salicylic acid (N.Y.), 27 brls.
Soda peroxide (Belg.), 67 cs.
Soda pruss. (Holl.), 3 cks.
Soda salicyl. (N.Y.). 22 cs.
Tannic acid (N.Y.), 20 brls.
Tartar (Fr.), 454 bgs.
Tartaric acid (Germ.), 12 cs. 60 cks.
Drugs, crude, etc.: Herbs (U.S.), 167 bls.; leaves (Fr.), 53 bls.
Areca (S. Amer.), 17 bgs.
Calamus root (Amst.), 6 bls.
Calumba (Cey.), 18 bgs.
Camphor (Ch.), 185 cs.
Cardamoms (E.I.), 191 pkgs. 12 cs.
Cinchona, (Lisbon) 31 pkgs., (N.Y.) 185 bls., (E.I.) 78 bgs. 10 bls. 19 pkgs., (Holl.) 281 pkgs.
Cod-liver oil (Norw.), 10 brls.
Gentian (Sp.), 236 bgs.
Henbane (Alex.), 135 bgs.
Horseradish (Germ.), 242 cks.
Nux vomica (E.I.), 307 bgs. 523 bls.
Opium (Smyr.), 8 cs.
Sandalwood (E.I.), 875 bdls.
Senna, (Alex.) 83 bls., (Germ.) 30 bls.
Stramonium (Alex.), 11 bgs.
Dyes, aniline (Belg.), 110 pkgs.
Gums, resins, etc.: (Moroc.), 50 serons 50 bgs. 20 bls.; copal, (S'pore) 91 bgs. 195 bskts. 109 cs., (Fr.) 45 bgs., (Holl.) 568 pkgs.; damar, (S'pore) 46 cs., (Holl.) 206 cs.; elemi (Philip. Is.), 84 cs.; gambier (S'pore), 4,550 cs.; resin (Fr.), 57 brls.; sandarac (Moroc.), 391 pkgs.
Honey, (Holl.) 107 brls. 10 cks., (Antw.) 31 brls.
Oils, essential: (Antw.) 7 cs., (N.Y.) 7 cs., (Fr.) 15 cs.; bergamot (It.), 11 cs.; birch (U.S.), 4 cs.; cinnamon (Cey.), 2 cs.; citronella, (Jv.) 22 drms., (Cey.) 6 drms., (S'pore) 18 drms.; cubeb (U.S.), 2 cs.; geranium (Swe.), 1 cs.; ginger (U.S.), 1 cs.; lemon (It.), 31 cs.; lime (W.I.), 2 cs.; linaloe, (N.Y.) 49 cs., (Mex.) 5 cs.; mandarin (Holl.), 1 cs.; nutmeg (U.S.), 8 cs.; palmarosa (U.S.), 4 pots; peppermint (U.S.), 7 cs.; petitgrain (U.S.), 2 cs.; pine (sylv.), 2 cs.; rose (Smyr.), 4 cs.; spruce (U.S.), 8 cs.; sandalwood (U.S.), 5 cs.; safrol (Jp.), 75 drms.; sassafras (U.S.), 3 cs. 3 drms.; turpentine, (Norw.) 19 brls., (Swe.) 27 brls., (Danz.) 96 cks.
Oils, fixed: Olive (Fr.), 12 cs.; soya (Jp.), 2,900 cs.
Petroleum jelly, (R'dam) 31 brls., (N.Y.) 138 brls.
Seeds: (Morocco) canary, 384 bgs.; coriander, 7,500 bgs.; cumin, 2,918 bgs.; fenugreek, 4,100 bgs.
Spices: Cassia (Alex.), 6 bgs.; cinnamon, (R'dam) 125 bgs., (Cey.) 10 bls.; ginger (E.I.), 266 bls.; mace, (E.I.) 98 cs., (W.I.) 30 brls.; pepper (E.I.), 302 pkgs. 127 bls.
Waxes: Bees', (Moroc.) 95 bgs., (R'dam) 11 bls.; paraffin (U.S.) 2,598 bgs., (scale) 585 brls., (Antw.) 700 bgs., (Hol.) 107 bgs.

Liverpool

(May 18 to 22).

Chemical products, etc.:
Acetic acid (St. John, N.B.), 141 brls.
Arsenic (Germ.), 20 cks.
Bismuth ore (China), 148 bgs.
Calc. acet. (N.Y.), 3,605 bgs.
Pot. pruss. (Fr.), 5 cks.
Tartar (Fr.), 56 cks. 159 bgs.
Drugs, crude, etc.: Herbs (Fr.), 13 bls.; anise, star (Ch.) 20 cs.
Cuttlefish bone (Sp.), 129 pkgs.
Ipecacuanha (Montevid.), 127 bls.
Kola (W. Af.), 332 bgs.
Gums, resins, etc.: (W. Af.), 13 bgs.; elemi (Philip. Is.), 220 cs.
Oils, essential: (S'pore), 2 cs.; citronella (S'pore), 22 drms.
Olive Oil, (Fr.) 29 cks., (Sp.) 150 brls.
Pepper (E.I.), 2,432 bgs.
Waxes: Bees' (Fr.), 28 bgs.; paraffin (scale) (N.Y.), 151 brls.

Goole

(May 18 to 21).

Acids (Holl.): Acetic, 100 cks.; formic, 130 carb.; oxalic, 16 cks.

Hull

(May 17 to 21).

Acetic acid (N.Y.), 214 brls.; castor seed (Antw.), 9,900 bgs.; formaldehyde (N.Y.), 85 brls.; insect pdr. (Trieste), 18 cs.; oxalic acid (Antw.), 5 cks.; tartar (It.), 6 cks.; tartaric acid (It.), 272 cks.

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qualified member. The qualified member is submerged among the manual and semi-skilled persons, his voting power is *nil*, although he is assessed at the highest rate of contribution. The rate of pay of the wholesale member always has been scandalous, but the prospect of a sympathetic strike in the retail brings anxious thought to the qualified manager, particularly if he is employed by a company. In shops with a proprietor chemist in charge any advance in wages will be in favour of the unqualified staff at the expense of the qualified. The influx of qualified but more or less inexperienced men will not help either wages or employment. The female labour question still remains a source of weakness. The troubles of the company chemist are deeper still: a strike does not close the private chemist's shop, while it would the company shop, and it is not beyond the bounds of reason that should the Pharmaceutical Society become a trade union employers' body a strike might be engineered for the sole purpose of damaging the company chemists for the ultimate aggrandisement of the private chemist. We must not forget that it is the company chemists who have led the way in increased salaries and better prospects. We cannot all be proprietors, despite "Jay Mack's" advice, else "Jay Mack & Co." might feel worse competition than is provided at present by the company chemists. Finally, present legislation, with its limitation of gross profits, is the greatest drawback of all while the chemist's turnover remains so small. It would be very helpful if statistics were published of all retail businesses showing the ratio of turnover and profits. It would help both in negotiations and dealing with the public. None of these pertinent questions are ever tackled frankly, but are always evaded. In fact, any person who screws up his courage to ask them is assailed with cries of "Snob!" "Blackmail!" or charged with being a friend of the employer. If they were answered, the air would be a good deal clearer. Yours faithfully,

72 Carless Avenue, Harborne. J. M. Johnson.

Distress in Austria.

Squire & Sons, Ltd., 413 Oxford Street, London, W. 1, send us a copy of a letter received from Miss A. Launder Brunton, daughter of Sir Lauder Brunton, appealing for medical requisites. Any of our readers who desire to respond to this moving appeal should communicate with Miss Lauder Brunton, Gesellschaft der Freunden, Singerstrasse 16, Vienna 1, Austria.

I have come out to Austria to work with the Society of Friends—the Quakers—who are largely responsible for the administration of the "Save the Children" Fund. I have been out three weeks, and I have just come back from Gratz, where we have been to arrange about the distribution of fodder for the cows to try and raise the milk production. While we were there we went over the Landes Krankenhaus, the huge hospital, famous all over the world, where English and American students used to go to study, beautifully situated and beautifully equipped. They have a separate building for each kind of illness—eye, ear, throat, nose, nerves, maternity cases, medicine, surgery, a fever hospital, and an isolation building for smallpox; they are all arranged in a garden, where the patients can walk. They have three operating theatres: one for non-septic cases, one for medium cases, and one for very septic cases. They can accommodate 3,000 patients. They took us to the kitchens, beautifully fitted up with steel and copper boilers. There was nothing to cook: no meat, no fat. They took us to the laundry, also beautifully arranged; all the linen was in tatters. They took us to the mending-room—a large, airy place fitted with sewing machines. They make nothing new; everything is patched, darned, cut in pieces, and sewn together again. They were cutting everything 3 inches smaller and unravelling the pieces to get cotton to sew with. They have to double it for the machines, and it breaks every few inches. The bandages we saw on the patients were pitiable; they were simply rags sewn together and sterilised. They took us to see some of the tuberculosis patients, who should be living entirely on milk, cod-liver oil, and eggs; they have less than two pints of milk a day for sixty patients. They showed us two cases who could not swallow. They had operated and put in tubes through the thin wall of the stomach; only fluids such as milk and eggs could pass through the tube. We watched them fed; they had only water to give them. The doctors are in despair. They are giving up their salaries and living on their savings that the patients may have things. The docto us round had done two operations that mornin of tea without milk and a small piece of brea of our workers went over a hospital at Gratz th They will soon have to shut for want of materi down to three hypodermic needles. They have their stock during the war, and they cannot get have no rubber tubing for operations, no mackin no ether. The hospitals in Vienna are turning who can hardly crawl for lack of ether to op is not hearsay; we have all seen it. Can you help these people? Could you send us hypodern or help us with rubber gloves or tubing or she mometers, catheters, or vaseline? The patients eczema because the ointments have to be made of fat. They have no good soap, not even for They have no anæsthetics in the children's hos they must operate they try to say to themselves, forget so soon!" Their one cry is for the chil can get along somehow, but it is so hard on th Oh, help us to get things for the children. . . help us with the hospitals? Whatever you can s ever it is will be of help; it is a vast task, but tackle it bit by bit, and the Austrians are gra are a grateful people." If you could see the dis it is universal. Bales of calico are what is need sheets for the hospitals; bandages and linen t babies in; bales of material to be made into here; it is a waste of time to make up clothes to be altered, and it would give work out here; all, ether for the operations and things for th If you could help, or if you could interest y to help, you would be doing a great deed of humanity. They have nothing, and there is no them.

Wages in the Drug-trade.

Sir,—I notice in the current issue of the *C. D.* there are several answers to correspondents the average rate of wages ruling at present, an state that a manager's pay is from 6*l.* 10*s.* to 7*l.* assistant from 5*l.* to 6*l.*, and an unqualified 4*l.* 10*s.* to 5*l.* 10*s.* Without in any way wishin tion the accuracy of your figures, on which you less much better informed than I am, I shoul to know if this is really the rate paid at th moment generally, as I know of several qualified and assistants who are not getting anything although with good experience behind them. I ing now of private employers, and not of comp and, although the employés have had an advan war rates, it is nothing like it should be to increased cost of living. Being perhaps in a job, the assistant or manager does not see hi fighting the case or to making a change, espec when berths are not so plentiful; and the guessing this, gives him the minimum incre he thinks will keep his man quiet regardless o temporary rate of pay. Incidentally, if the fi give are general, it shows that the difference qualified and an unqualified man is 10*s.* a wee that is the value that the master pharmacists se own qualification, we cannot wonder that their r tives on the Council hold it so cheaply after it secured, if not before.

Yours faithfully,
Great Underpaid.

The Outlook in the Drug-trade.

Sir,—In reply to "Nearly There" (*C. & D.*, p. 98), I am over sixty-three and an assistant m widow's shop at present. I have done a great locum work for hospitals, chemists, and institut prospect ahead is pretty blue, but, being a widow out children, I expect it will be possible to get a ing" berth when this old war-horse is blind a deaf. Plenty of experience, English, French, tralian (in "biz" "down under" many years), gathered much moss; so that "Patience and s cards" is the only motto. God is good, and ma permanently for His unworthy servant before t house looms in sight. Still, I'll carry on as possible; and wishing "Nearly There" cheerio a luck, remain,

Yours, etc.,
Ph.C.

›ensing Difficulties and Notes.

Calcium Lactate Mixture.

ould you please oblige me with the correct way e the undermentioned prescription?

Calcii lactas ... ... gr. xv.
Aqua chlorof. ad ... ... ℥ss.

Yours truly,
F. P. (9/5.)

itish Pharmacopœia states the solubility of calte in water to be 1 in 18.5. This for the salt been dried. Your prescription requires 1 in 16. ce the solubilities stated in the B.P. are not ly attained. Calcium lactate, when freshly prenains in solution for a time in somewhat less 3.P. stated quantity of water. It cannot, howepended on to continue completely in solution for a few days, and when it begins to come out the mixture may become solid. The best prherefore, in compounding your mixture is to alcium lactate and rub it down with the chloroer, getting as much as possible into solution esidue in fine powder, so that when shaken it tisfactorily diffused.]

An Ointment Difficulty.

'. (14/4) writes: "Can you help me in the folficulty? On adding methyl salicylate to melted ydrous), stirring and cooling, the liquid methyl queezed out of the solidified mass. Even on the "blebs" of methyl salicylate appear: I as I have to work on large quantities and fill ots, but the heat is only sufficient for fluidity the pots."

salicylate and hydrous wool fat are soluble in and can be combined with a large proportion salicylate without any separation of the latter. ation of liquid which occurs would, we should ore likely to be water. Methyl salicylate oint-P.C., for example, contains half its weight of licylate combined with hydrous wool fat and , and it never, in our experience, shows any o "weep." We have tried for the sake of conhydrous wool fat with varying proportions of licylate. A nice smooth uniform cream has all instances. It seems to us that you may other constituent in your preparation which combination or your method of mixing is not effective. You do not provide us with much n to go upon. Write to us again, however, ve omitted any essential point and the above o not afford you all the help that yu require.]

The Dose of Iodine.

have had the following prescription to dispense, h I should like your opinion on account of the of iodine:

Tinct. iodi (French) ... ʒiss.
g. ʒss. ex. aq. t.d.s. p.c.

Faithfully yours,
C. R. F. (18/5.)

e of tinct. iodi (French Codex) in large doses atment of arthritis originated with Dr. Louis and was introduced to British medical men in icet," March 6, 1920, in a paper by Mr. Tom .C.S., entitled "Intensive Iodine Treatment." stated that Dr. J. H. Ewart, of Eastbourne, the tincture with success, and that he was conaving prescriptions returned by chemists who rised at the doses ordered. This medical man t he has taken as much as 3j. of the tincture Mr. Bird recommends 1 grain of iodine three y after meals for the first week, increased to s in the second week and three grains in the . Tincture of iodine (French Codex) is a solugrams of iodine in 120 grams (by weight) of 90 per cent. alcohol (no potassium iodide is employed). As iodine is only soluble in water one in 5,000 (Martindale), or 7,000 (Squire), precipitation of the iodine takes place on adding the tincture to water, and it is of this that patients complain. We have experimented with the use of other solvents, but with no satisfactory results. The best preparation was obtained by dissolving the iodine in sp. ætheris and adding an equal volume of glycerin. This does not, however, mix clear with water, but the iodine is precipitated in a fine state of division and can be taken when so suspended. There is an interesting ebullition effect produced when the spirit of ether and glycerin solution is added to water; it lasts for a few seconds and is renewed on slight agitation.]

Legal Queries.

H. S. P. (19/5).—Yohimbine is a poison within Part I. of the Poison Schedule; Singleton's eye ointment contains mercuric oxide, and is in Part II. of the Schedule.

K. & S. (17/5).—There are no restrictions on the sale by wholesalers of sulphuric acid and strong ammonia solution, but you should take care that the packages are distinctly labelled with the name of the article and the word "Poison."

T. H. B. (17/5).—The title "Parrish's Syrup" is not the property of any particular person. It is a non-liable title, this decision being given by the Board of Customs and Excise as a result of evidence we submitted in 1908.

S. T. J. (25/5).—The cases in England which are relied upon as deciding that the customary notice among retail chemists is one calendar month are: Broxham *v.* Wagstaff, 5 Jur., 845, and *C. & D.*, 1898, II., 372, and Proctor *v.* Butterworth, *C. & D.*, 1905, II., 655.

J. W. S. (16/5) has been asked by a friend to lend him a sum of money upon the security of a lease of certain premises which are sub-let at a considerable profit. The lease is for twenty-one years, of which nineteen are unexpired. How could the transaction be effected? [If the lease does not contain any provision prohibiting such a course it is possible for the friend to secure "J. W. S." by means of a mortgage. A mere deposit of the lease, coupled with a memorandum showing an intention to charge the property, and containing an undertaking to execute a legal mortgage upon demand, would probably afford "J. W. S." sufficient security, since it would create an "equitable" mortgage. The memorandum would have to be stamped in accordance with the amount of the loan, the duty being 2*s.* 6*d.* per 100*l.* if under seal and 1*s.* per 100*l.* if not under seal. In any case, we advise "J. W. S." to consult a solicitor.]

Taxi (8/5) has a few cottages, and he asks whether in filling up the income-tax form No. 11, Schedule D, claiming exemption, abatement, etc., under the heading "income from property," he should give for them the annual value as assessed to Schedule A or the rents received after deduction of rates and one-sixth for repairs or the actual rents received. He also wishes to know what is the usual allowance for depreciation of fixtures, etc. [The figures given should be the net amounts at which the cottages are assessed to Schedule A, and this ought to be the rents received after deduction of rates and the one-sixth allowance for repairs. It is understood that "Taxi" pays the local rates, which are payable by the occupier, and, if so, he is entitled to be allowed this sum on the assessment to Schedule A. The rate of allowance for depreciation is in the discretion of the Commissioners, who are merely required to make such an allowance as they think to be just and reasonable. This depends on the nature of the fixtures, but is not to exceed the total cost of the fixtures to the person claiming the allowance.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

E. C. (16/4).—Solidified Brilliantine.—The separation that takes place when this is made with a paraffin basis is not unusual; the same phenonemon is noticed in some of the ointments of the British Pharmacopœia. The remedy is to keep the mass stirred until it is on the point of setting. The proportion of the ingredients in this variety of solid brilliantine is as follows:

Soft paraffin	8 parts
Suet	2 parts
Lard	1 part

The best violet perfume is ionone, about 1 dram being needed for the above quantity in ounces. We know of no cheaper green colour than chlorophyll for the purpose.

B. H. & Co. (20/3).—Wages in Wholesale Drug-trade.—The Drug Union has an agreement regarding wages in the wholesale with the Drug and Fine Chemicals Association, which was confirmed at the recent Industrial Court. The rates were given in the *C. & D.*, May 15, p. 54.

J. C. H. (10/3).—Moulding Composition for decorating picture-frames.—The following is a suitable composition:

Glue	14 lb.
Rosin	7 lb.
Pitch	½ lb.
Linseed oil	2½ pints
Water	5 pints

Soak the glue and boil until dissolved; then stir in the other ingredients, adding sufficient whiting to make a hard composition which can be pressed into oiled moulds. The composition should be freshly made each time it is required.

H. & M. (17/5).—Cod-liver-oil Emulsion (25 per cent.):

Cod-liver oil	℥ij.
Powdered gum acacia ...	℥j.
Saccharin elixir	♏xv.
Flavouring oils	♏iv.
Sodium hypophosphite ...	ʒss.
Calcium hypophosphite ...	ʒss.
Distilled water to	℥viij.

Mix the oils in a mortar with the gum, add 2 oz. of water and the elixir, and triturate briskly but lightly until an emulsion is formed; dissolve the hypophosphites in the rest of the water and add in portions, with diligent stirring.

C. E. R. (8/5).—Cinematograph Publications.—The journals devoted to the cinematograph are "The Bioscope" (85 Shaftesbury Avenue, London, W. 1), "The Kinematograph and Lantern Weekly" (85-94 Long Acre, London, W.C. 2). Books on the subject are Bennet's "Guide to Kinematography" (Heron & Co., Tottenham Street, London, W. 1); Talbot's "Moving Pictures; how they are Made and Worked" (Heinemann); Jones' "Cinematograph Book" (Cassell & Co.).

Spirit (13/5).—The rebate of duty allowed off 1 gal. 90-per-cent. alcohol when employed in the manufacture of medicinal preparations is now 4*l.* 13*s.* 6*d.*

A. M. (Ireland) (203/24).—The Women's Scale of Pay for the first year after apprenticeship is 40*s.* weekly; second year, 45*s.*; third year, 57*s.* 6*d.*; subsequently, 60*s.* This should cover the period of improvership.

S. L. O. (15/3).—(1) The varnish-stain mentioned would perhaps be improved by dilution with spirit varnish. If copal varnish is used, the stain should be diluted with spirit, then applied to the wood and allowed to dry before varnishing.

Backsheesh (18/5).—We are not acquainted with the advertisement to which you refer.

A. W. (17/5).—The Royal Sanitary Institute, ingham Palace Road, London, S.W. 1, has a cri and examinations for those who wish to become a inspectors.

A. Y. (19/5).—Brattice Cloth.—This is co painted on both sides with black paint or a varn of boiled oil and lamp-black. The cloth is a dried at 120° F. by means of steam-pipes.

W. J. (10/5) asks: "What is the exact natur position of the precipitate formed on adding solution of iodine (10 per cent.) to water?" cipitate which forms when tinct. iodi (French added to water is iodine, as that element is on in water in the proportion of about 1 in 7,000. tried the effect of preparing a tincture with solvents with a view of obviating the precipita none of the solvents seems to help the mixing of ture with water. The best results were obtaine solving the iodine in sp. ætheris and adding volume of glycerin; and although a nice prepa obtained, the iodine is precipitated on adding but the precipitate is in such a fine state of div it can be taken when so suspended.]

Pedos (10/5).—Foot-bath Powder:

Pulv. boracis,	
Pulv. sodii carb.,	
Pulv. saponis	aa. ʒj.
Ol. eucalypt.	♏xv.

Misce.

This quantity of powder to be dissolved in wa in a foot-bath, and the solution used for bathing Other varieties contain alum or tannin. The per be varied according to fancy.

E. K. (20/5).—Startin's Cream.—The follow ment is one which Mr. Startin often prescribed fo eczema; it is, however, not a pure white, such describe the product you have in mind:

Hydrarg. ammon. chlor. ...	℈ss.
Plumbi acet.	℈ss.
Zinci oxid.	ʒj.
Ung. hydrarg. nit.	℈j.
Adipis	℥ss.
Ol. palmæ	℥ss.

Misce.

W. H. (5/2).—Etching Ink.—The following in lines you require:

Ammonium fluoride	ʒij.
Barium sulphate	ʒij.

Reduce to fine powder in a mortar, transfer to dish and make into thin writing cream with hyd acid. The ink may be put up in bottles coat paraffin, which can be done by pouring some paraffin in the bottle and letting it flow all rou writing is done with a quill, and in about half a the ink is washed off. The ink for colouring has a basis, or one of diluted waterglass may be use aniline colours for the tints.

Retrospect of Fifty Years ago.

Reprinted from "The Chemist and Druggist," May 1870.

An Illegible Prescription.

The following *blague* is extracted from a recent of the "Figaro": Macready, the illustrious acto most illegibly, and a box-order that he had sent to was mistaken for a physician's prescription, and acc sent to the nearest chemist's to be made up assistant proceeded to mix one or two ingredients, b somewhat puzzled, referred to his patron, who, ma *aqua ad* of the remainder, gravely handed over the remarking at the same time that it was an ad cough specific—price, one and sixpence. This almos the story of the English physician in Paris, w Christmas-day, wrote a prescription for a plum-p directing the cataplasm to be sent whilst hot.

Trade "SEMPROLIA" Mark

PETROLEUM JELLY

PETROLEUM JELLY is always in demand! Increase your profit and prestige by meeting this demand with "Semprolia" Petroleum Jellies which can confidently be recommended as superlative in excellence.

"Semprolia" Products will never be dead stock. Even without advertising they sell readily—and, as a result of the advertising now commencing, they will be in brisk demand.

Notice your profits—25% to 33⅓% on Sales — with P.A.T.A. protection.

	P.A.T.A. Min Retail each.	per doz.
"Semprolia" Snow-White Petroleum Jelly		
Sample Aluminium Tins (Boxed 3 doz.)	4d.	3/-
1-oz. Screw-capped Jars	7d.	4/6
2-oz. ditto	10d.	7/-
1-oz. Collapsible Tubes (each in carton) ...	8d.	5/6
"Semprolia" Pale Yellow Petroleum Jelly	each.	per doz.
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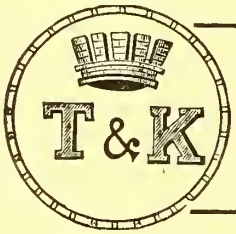

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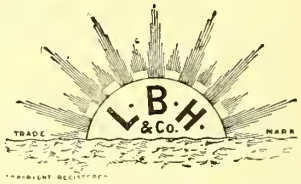

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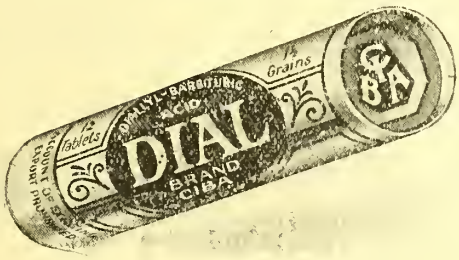

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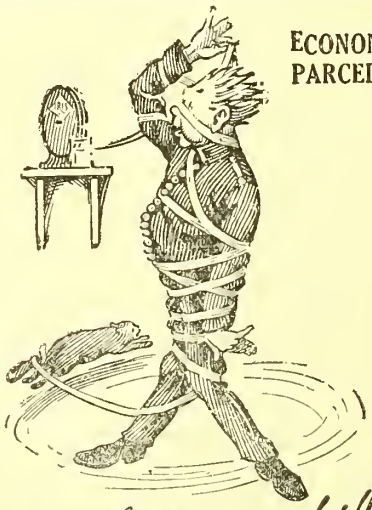

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*Liq. Ammonii Acetatis Conc. 1-7, 6 lbs. @ 2/- lb.; 1 lb. @ 2/4 lb.
* yr. Aurant P.B., 7 lbs. @ 2/5 lb.
*,, Easton, B.P., 7 lbs. @ 2/7 lb.
* ,, Ferri Iodid. P.B., 7 lbs. @ 2/6 lb.
* ,, Ferri Phosph Co., 7 lbs. @ 1/4½ lb.
* ,, Hypophosph. Co. B.P.C., 7 lbs @ 2/3 lb.
* ,, Prunæ Virg. B.P., 7 lbs. @ 2/- lb
* ,, Rhamni, 7 lbs. @ 2/1 lb.
* ,, Rhei, P.B., 7 lbs. @ 2/3 lb
* ,, Scillæ, P.B., 7 lbs. @ 1/4½ lb.
* ,, Sennæ, P.B., 7 lbs. @ 2/1 lb.
* ,, Tolut, P.B., 7 lbs. @ 1/8½ lb.

*Minimum quantity at these prices: Home Trade, 3 Winchester Quarts assorted; Export, 12 Winchester Quarts assorted.
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nic	10 - ,,	,, Menth. Jap.	12/- lb.
c.	4/4	,, Succini Rect.	1/9 ,,
rb. 1/-, Plv. 1/5		Phenazone	2/7
or. Pur. B.P.	1/1	Pot. Iodide	17/6 lb.
Brom.	5/6	,, Permang.	6 5
lb Pur.	8d. ,,	,, Sulphurata	2/4
Nit. XL	4/10 ,,	,, Brom.	4/9
Carb.	17/9 lb.	Pulv. Trag.	14/-
Opt.	4 - oz.	Quin. Sulph.	4/9 oz.
ig. Opt.	5/9 ,,	,, Hch.	5/10 ,,
b.	3/5 lb.	Sal. Limonis	2/6 lb.
v.	2 8 ,,	Sod. Benz.	5/-
es Co. Con. Nost.	1/4 lb.	,, Brom.	4/9
n. Cit.	5 9	4 oz. Solazzi, Stks.	5/-
Carb. Pur.	2/7 oz.	Tr. Cannabis Ind. B.P.	20/-
Carbol.	2 6	,, Hyoscy. 1914	5/-
Tar.	4/3	,, 1888	4/3
Borac.	2/3	,, Valer. Am. B.P.	2/9
esub. 1 5 oz., 20/- lb		Ung. Hyd. Nit. B.P	4/-
e		,, Resinæ	3/-
Pur. 2-oz. Sticks 4/- ,,		Yellow Paraff. Moll.	1/1
lacis	1/7 ,,	Zinci Valer.	1/10 oz.

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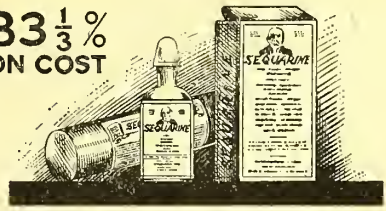

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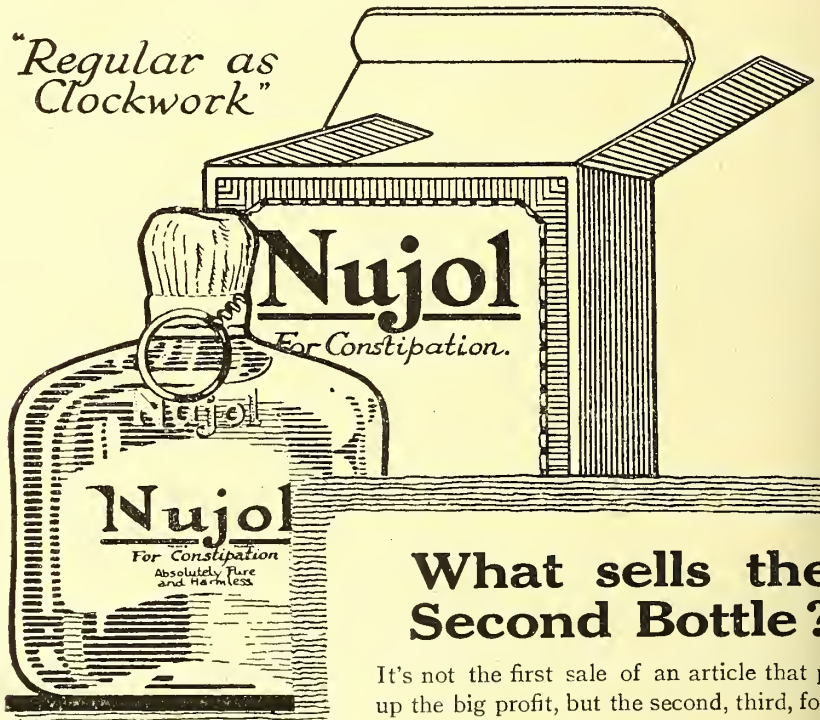

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Give excellent clinical results.

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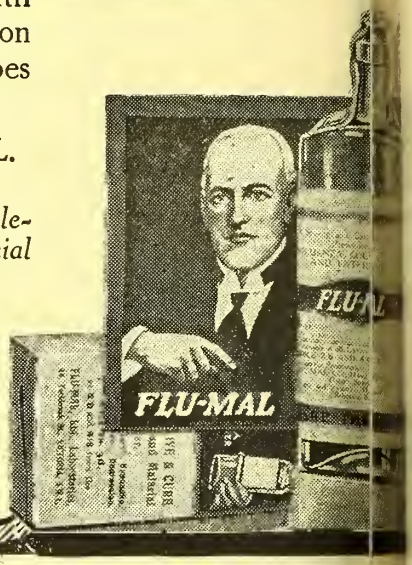

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TONIC SALTS
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A Marvellous Corrective of all Liver Troubles.

Attractively packed.
Shows 50% Profit to you.

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"Gets-It" is a liquid which dries at once when applied to corns or calluses with the glass applicator that accompanies each bottle. Stops pain at once and soon loosens the corn or callus so that it can be lifted right off.
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Antiseptic Embrocation
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THE BEST SELLER.

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The Wholesale price is **20**/- per doz. On £5 lots, discount **10**%, and carriage paid.
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This ensures a profit of **9d.** per bottle to the chemist.

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CLARK'S LIVER SALT

Makers :
NEWBALL & MASON,
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Proprietors of **MASON'S EXTRACT OF HERBS and WINE ESSENCES**

Please ask for quotations.

LOSALL'S SALT

SELLS FREELY & READILY
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An Infallible Remedy for
GOUT, RHEUMATISM, ECZEMA, and SKIN AFFECTIONS.

	P.A.T.A.	Doz.	
4 oz. Tins	1/-	8/-	net
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Bottles	2/6	20/-	„

The only line of its kind on the market.

SOLD EVERYWHERE.

Manufactured by
LOFTHOUSE & SALTMER, Ltd., HULL

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MALVERN WATERS

(Bottled only at St. Ann's Well, Malvern)
BRITISH and BEST of TABLE WATERS.

BURROW'S MALVERN WATER (still). The Best Natural Spring Water.

BURROW'S MALVERN WATER (sparkling). The Natural Water simply Aerated.

"Malvernia" (Regd) "MOLLY"

An Alkaline Sparkling Table Water, invaluable in cases of Gout, Rheumatism, Acidity, Stone, Gravel & Kidney Complaints.

Mix well with Wines and Spirits.

BURROW'S GINGER ALE, LEMONADE, GINGER BEER, prepared with the MALVERN Water, and only the purest and most reliable ingredients are employed.

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Natural Process BARLEY

Purely Barley, and purely British, not a patent or chemically-treated food. Recommended for delicate digestions at all ages. Sells on sight.

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The Finest Quality Aerated Waters are made only with the Finest Quality ESSENCES

BOAKE ROBERTS'

Soluble Essences are of the finest quality and being extremely concentrated are most economical

Lemon	Ginger Ale
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THE NEW FOOD FOR GROWING CHILDREN
is now in great demand

CHEMISTS CAN OBTAIN IT FROM THEIR WHOLESALERS

RETAIL PRICE	WHOLESALE PRICE
2/3 per jar	21/7 per doz.
4/3 ,, ,,	40/9 ,, ,,
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Extract of Malt
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IN BULK, JARS OR TINS.

Prices on application.

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The question is often asked no
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It makes milk digestible and is valu
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1/3 and 3/3 per tin. *Samples and advertising matter free on ap*
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Carry a good profit to the Chemist.
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A delightful Peppermint-flavoured Cream, made with pure Sugar and the Finest Peppermint Oil.

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OUR OWN MANUFACTURE.
PREPARED ENTIRELY WITH THE FINEST GUM ARABIC.

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If ordered "Throat Pastilles," our ribbed shape sent.
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CHILDREN'S THROAT PASTILLES. EUCALYPTUS GEMS. CHLORO-PINES (our speciality).

LINSEED, LIQUORICE and CHLORODYNE.
The best and strongest on the market.
2/8 per lb., Packed in 4lb. tins. **16 lb. 2/6. 28 lb. 2/5.**

EUCALYPTUS and MENTHOL PASTILLES, 3/- per lb.

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60/64 ARTILLERY LANE, LONDON, E.1.

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Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

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Packed in barrels, kegs and smaller packages according to requirements.

Inquiries are solicited for this article of **British Manufacture**, and buyers may rely that for quality and price, it will meet any competition.

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We can also supply very advantageously :

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May 2

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10d.	FRAME FOOD	10d.
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"ULTRAVI" Brand.
The Latest & Best.

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OLIVE OIL
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OILS AND CHEMICALS
Buy from one of the oldest houses in the trade.
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Made on the Premises.
Specials dispatched in 24 hours.
Actual Makers.
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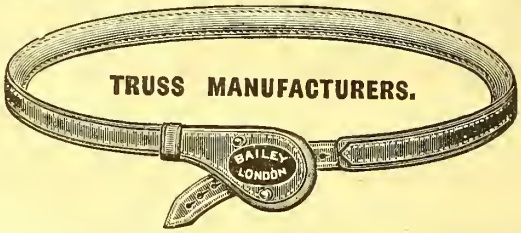

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SURGICAL, CHEMICAL, DOMESTIC ARTICLES, SYRINGES, ENEMAS, WATER BEDS.
Manufacturers of every description of ***INDIA RUBBER,*** *Wholesale & Export only.*
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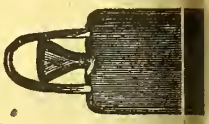

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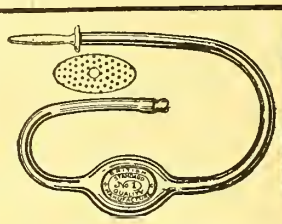

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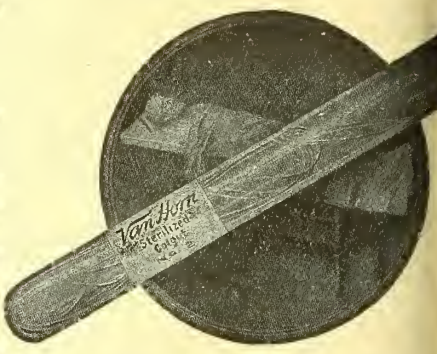

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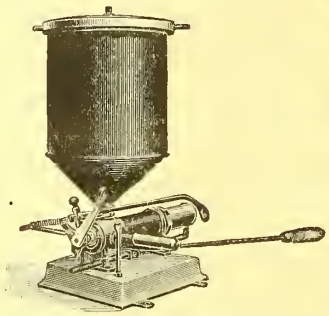

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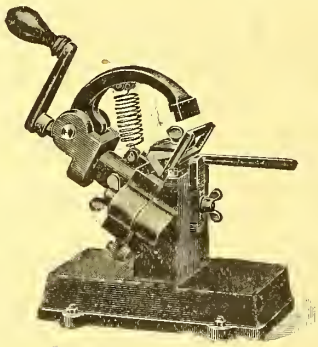

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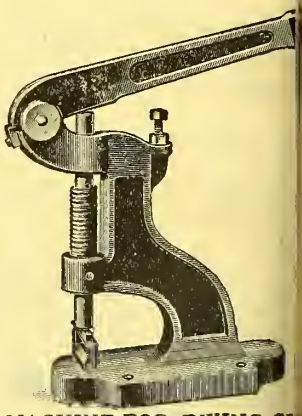

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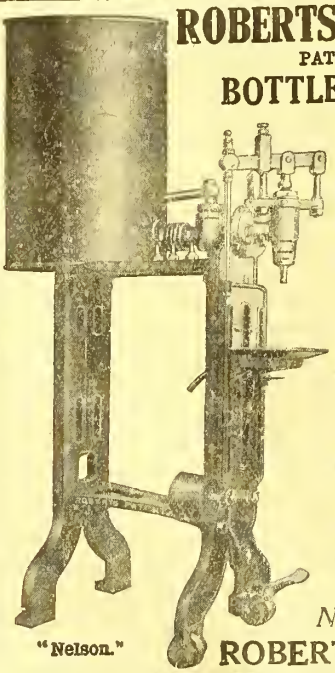

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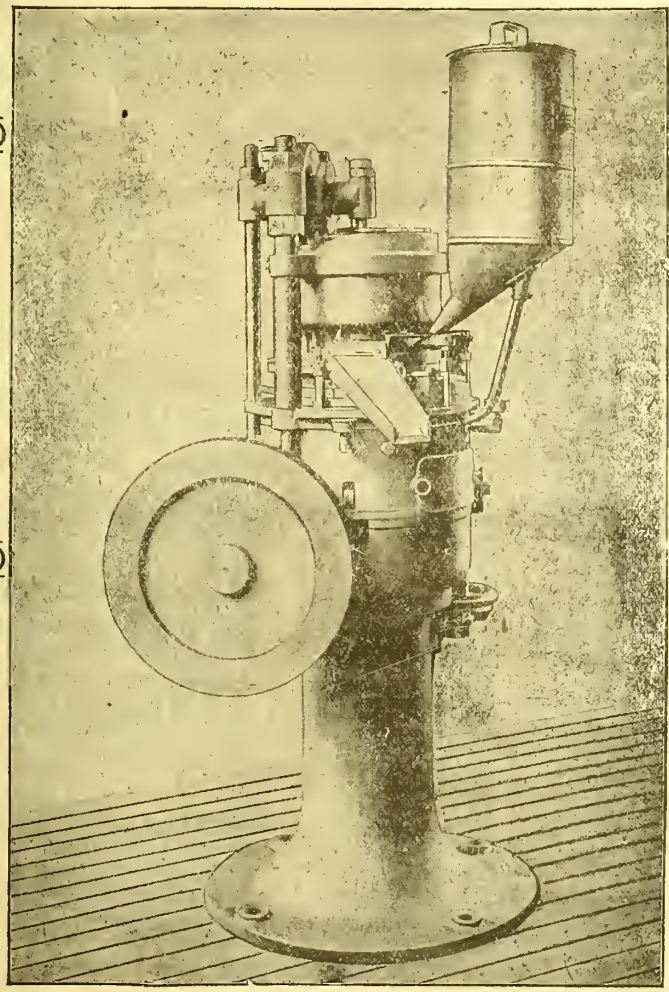

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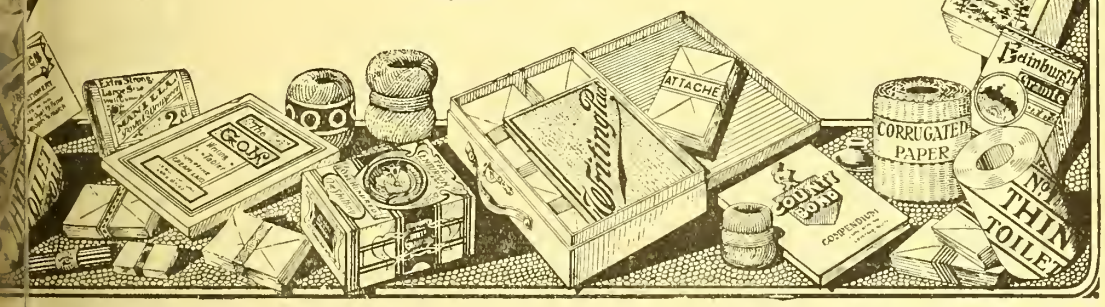

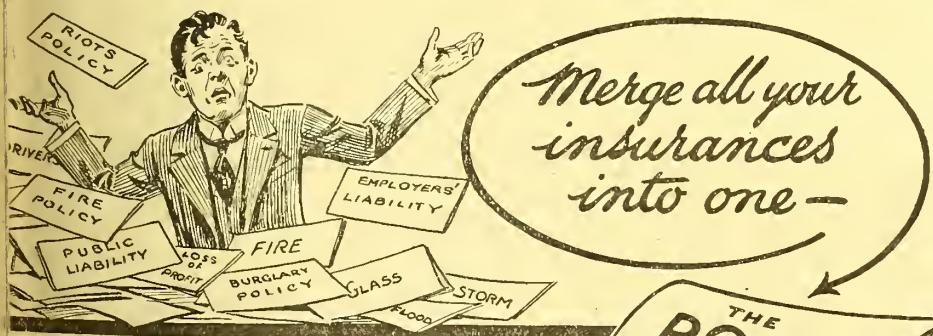

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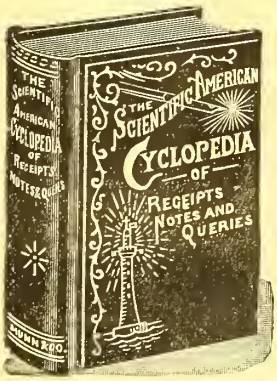

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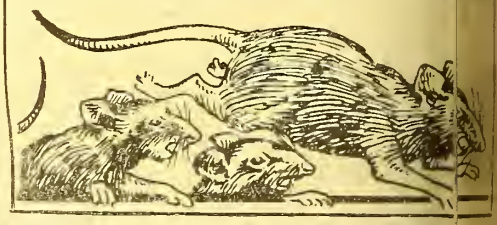

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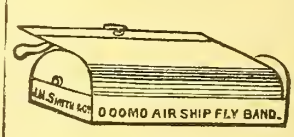

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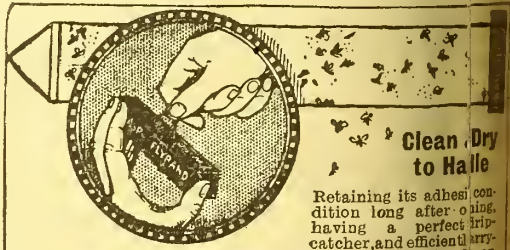

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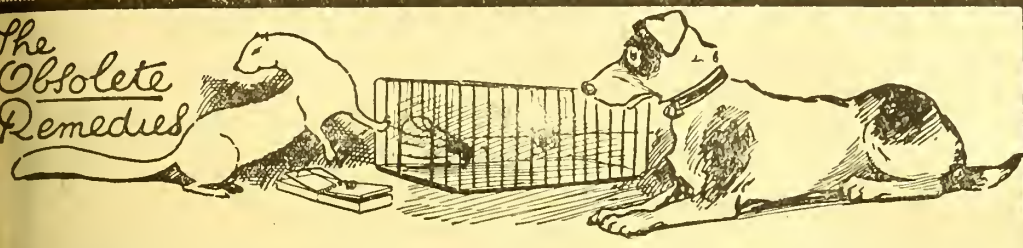

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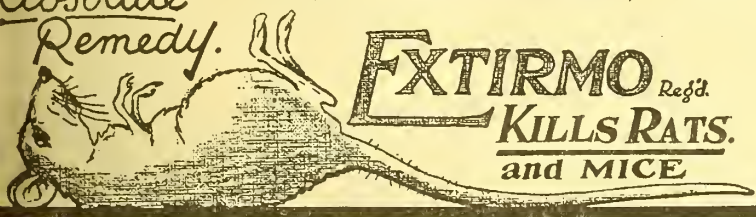

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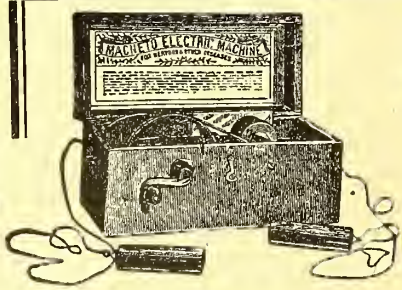

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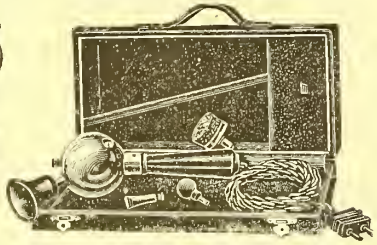

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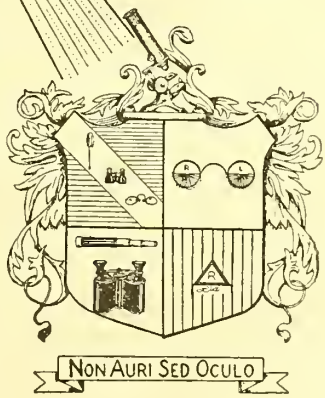

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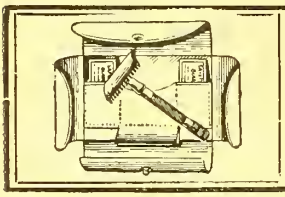

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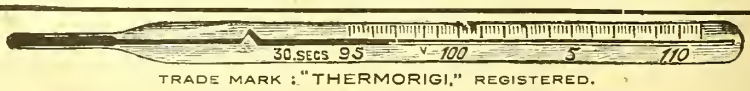

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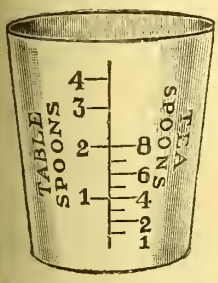

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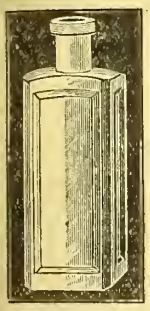

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istant wanted at once; outdoors; must be and Dispenser. Williams & Peters, 165 opposite Tufnell Park Tube Station).

fied Assistant required; active, and accus- class Dispensing business. J., 12 Wigmore

ed, qualified Chemist as Manager; outdoors; re trade, with a knowledge of Photography; nce and salary required. Apply 126/12,

qualified Assistant wanted (outdoors) for nsing and Light Retail; no N.H.I. Full nce, age, and salary required, to H. Dring,

YORKSHIRE.—Capable Assistant (unqualified) required immediately; Counter, Dispensing, and Window-dressing; easy hours. State age, experience, and salary required (outdoors), 127/23, Office of this Paper.

AN experienced Assistant for good-class Retail and Dispensing, with Photographics; June to September 25th; must be well recommended. State age, height, previous experience, when disengaged, and salary required (outdoors) to J. Bryant, F.S.M.C., 30 Harbour Street, Ramsgate.

DISPENSER.—Lady Dispenser (Hall qualification) required for about ten weeks from the middle of June in the Dispensary of large West-End Stores. Please give age, details of previous experience, and salary required, to P.C.B. 71/30, Office of this Paper.

DRUGGIST Sundries Assistant; age 19 to 20; progressive post; only those experienced in the trade need apply, stating experience and commencing salary required, to 7/9D, Office of this Paper.

EXPERIENCED Assistant wanted, unqualified, capable of taking charge when required, for Rexall Pharmacy; must be good Salesman and Window-dresser, and used to handling Kodak goods; state salary required (outdoors); commission on sales to be arranged. Apply 126/24, Office of this Paper.

JUNIOR, unqualified, temporary Assistant, wanted for June 14th to end September; full particulars, wages required, etc. Bell, Westgate, Mansfield.

LOCUM, qualified, for two weeks beginning June 14th; indoors; state wage, age, reference. "Chemist," 49 Abbey Road, London, N.W. 8.

LOCUM required for fortnight, July 5 to 19; middle-class Retail, in residential suburb of London, S.E. Reply 127/34, Office of this Paper.

LOCUM required, from July 12th, for 3 or 4 weeks. Apply, with full particulars and references, to Malden & Co., Ltd., 205 Brompton Road, S.W. 3.

MANAGER (qualified) wanted immediately; progressive man essential; applicants must have good London experience; knowledge of Photography and Optics an advantage. Apply, stating age, height, and experience, to "Progressive" (127/28), Office of this Paper.

MESSRS. COOPER, SON & CO., LTD., 80 Gloucester Road, S.W. 7, have a vacancy for qualified Assistant, chiefly for Front Counter; must have had first-class experience. Apply, with full particulars and salary, etc., to "A. J. B. C."

PARKE'S Drug Stores, Limited, have a vacancy for an unqualified Assistant; applicants must be energetic and progressive, and have a knowledge of Photography. Apply by letter, giving full details as to age, height, and experience, 65 Harmood Street, Kentish Town, N.W. 1.

QUALIFIED Assistant wanted; lady preferred; references and salary required. Phillips, Chemist, Craven Arms, Salop.

QUALIFIED Assistant wanted; experienced and reliable; capable organiser, used to up-to-date methods; good prospects to suitable man. Apply, with full particulars, references, age, salary required, and enclosing photo if possible, to Smalleys, Chemists, Opticians, etc., 12 Carr Street, Ipswich.

QUALIFIED Assistant (outdoors) for General Retail business; good Salesman, with Photographic experience. State full particulars and salary required to Oxens, The Rexall Pharmacies, Newcastle, Staffs.

QUALIFIED Manager required; must be capable, business-like, and obliging; salary and commission. Please state age, height, salary required, and give references, to Arnold A. Dawson, Dawsons (Chemists), Ltd., 143 High Street, Ponders End, Middlesex.

SMART unqualified holiday relief man for London suburbs for the month of July. Please state salary required and two references to "Alpha" (126/6), Office of this Paper.

SURGICAL.—Lady Assistant required to take charge of Surgical Section in West-End Stores; previous experience essential. State age and salary required to P.C.B. 71/300, Office of this Paper.

TENISON SMITH, Ryde, I. of W., requires an unqualified Assistant; good Dispenser with a knowledge of Photography; accustomed to high-class business; no N.H.I. Please state age, salary, and experience in first letter.

UNQUALIFIED Assistant wanted for brisk Counter trade and N.H.I. Dispensing. Massingham's Ltd., 34c Green Street, E. 2.

WANTED, a qualified lady Dispenser, steady and reliable, for Medical Institution; light bookkeeping; easy hours; previous experience essential; state salary required. Apply to J. H. Bennett, 12 Grosvenor Road, Banbury.

WANTED, a Junior Assistant or Improver for good-class country town business; outdoors. Apply, with photo and usual particulars, to W. Harrison Osborne, Pharmacist, Ledbury, Herefordshire.

WANTED (at once), Junior or Improver, permanent, for good Retail and Dispensing business in seaside country town; one well up in Dispensing. Apply, giving full particulars, salary required (indoors or outdoors), to "B. P. C." (125/25), Office of this Paper.

WANTED, experienced Assistant (outdoors) for good-class Dispensing and Retail; good references. State age, salary required, and full particulars to William F. Cole, 2 Commercial Road, Lowestoft.

WANTED, an unqualified Assistant for quick Retail business, preferably over 35; permanency. Write, giving details, to S. F., 21 Priory Park Road, N.W. 6.

WANTED, a competent Assistant, chiefly for Dispensing, for five weeks from June 12th; outdoors. James H. Brown, Sudbury, Suffolk.

WANTED, Unqualified, about twenty-five years; Photographic experience. Particulars to Miller, Chemist, Cheltenham.

WANTED, Temporary Assistant, Minor or whole qualification, for six weeks commencing July 19th. Apply Pharmacist, West London Hospital, Hammersmith, W. 6.

YOUNG qualified Chemist required as Assistant, with view to Managership; will be required to undertake relief work during the summer; easy hours; applicants should state particulars of experience and salary required. Martyn's Stores, Ltd., Wolverhampton.

YOUNG lady Assistant for Counter, etc., for four months, immediately; good Saleswoman; send references, photo, and salary required. Blades, Chemist, Llandudno.

WHOLESALE.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

ADVERTISING.—London Pharmaceutical Wholesalers require young man (qualification not necessary) with knowledge of Retail and ability to prepare display advertisements. Send particulars of experience and salary required to 3/23B, Office of this Paper.

CHEMIST required immediately; must have practical experience in all branches of Nitro-Cellulose, and have a thorough knowledge of all materials contained in base celluloid; position permanent and lucrative. Apply, stating age, experience and fullest details, 125/31, Office of this Paper.

DRUGGISTS' Sundries trade.—Experienced Clerk required. Please state age, experience, wages desired, and usual information, 127/360, Office of this Paper.

EXCELLENT Side-line; 20% commission first order and repeat; territories open: (1) Eastern Counties, (2) London and district (3) Ireland; proved dry cleaner; sell 3d. and 6d.; perfect results on velour and felt hats and wide range of articles; original show matter; only first-class men with "live" connections considered. Full particulars, in confidence, to 126/28, Office of this Paper.

LABORATORY Manager, a thoroughly experi control of the Pharmaceutical Laborato Druggists in London. Apply, stating quali salary required, to 5/11C, Office of this Paper

MAJOR man required by Wholesale Drug for testing and experimental work; wel Apply, in confidence, mentioning salary desire etc., 127/36, Office of this Paper.

MANAGER required for works (now in cou an important Proprietary Food Company; man of experience, capable of fitting up and organising staff and work; knowledge of costi perience in Analytical and Pharmaceutical w good opportunity for really able man; commu as strictly private. Write Managing Director, Kingsway Hall, London, W.C. 2.

PRACTICAL Works Chemist wanted; well blending Oils, Greases, etc., and in man rectants, Sheep Dips, and other agricultura preparations, to test, analyse, etc., and assist whole work of manufacturing department. St experience, age, references, and salary required of this Paper.

REPRESENTATIVE.—High-class Salesman f Counties, and Ireland, experienced, with required by first-class Perfumery manufactu commission offered to thoroughly competent conndence, giving previous travelling experience turnover, 125/28, Office of this Paper.

REPRESENTATIVE required, calling on m buyers of Chemicals, Drugs, etc., in Lo good connection; on a commission basis only. Office of this Paper.

REPRESENTATIVES required, on a commissi good selling lines, which sell at sight, a Stores, etc., in London and provinces; sample only those with an established connection need 33/130R, Office of this Paper.

REPRESENTATIVES, holding established Chemists and Hairdressers, are required sell a well-packed series of Bay Rums, Brils, Lotions, Compacts, etc., also bulk goods, ou applications are invited from the following te Western Counties, and Wales; state, fully, gro other lines handled; a commission of 15 per c to the right men, and remittances will be sent sions on all orders received weekly. Write " 72/6), Office of this Paper.

REPRESENTATIVES.—A well-known Pharm requires two experienced Travellers for the and (b) S. Wales and West of England territo already possessing an established connection wi Pharmacists in these territories need apply; oth equal, preference will be given to men residing (b) Bristol. Full particulars of salary, qualificat etc., should be sent to 3/24B, Office of this Pa

WANTED, handy man as Packer and to make l useful, in London Wholesale house; non-u letter to P.C.B. 72/5, Office of this Paper.

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EAST AFRICA.—Qualified Assistant for high-c and Photographic business in new Colony; a or October next; three years' agreement at salar and £400 respectively; passage paid both ways; in England, can give personal interview in Lond 28th, 29th, or 31st Apply "Colonial," c/o Bell, Co., Ltd., Tower Bridge Road, London, S.E.

RHODESIA (healthiest town).—Two good men, Optician and Chemist, with Photographic kno or single; one qualified Chemist, of good appear steady and reliable; three years' agreement; sal £360, second £390, third £420, with furnished paid out and home. Apply in first instance "F. G. Office of this Paper.

STRAITS SETTLEMENTS.—Young Assistant, Chemist's qualification, a good knowledge able; four years' agreement; passage paid out first year £490; second and third years £525, Apply 140/34, Office of this Paper.

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[HOME.]

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rds less; 6d. for every additional 10 words or less, prepaid.

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E Chemist desires immediate employment; Stor, permanency, Locum; town, country, seaside to ate Working and Counter Photography; wide n new businesses; satisfaction guaranteed; every 2 40, Office of this Paper.

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ell-recommended Locum; reasonable terms; Chemist," 26 High Street, Lewisham.

Branch Manager, qualified, with 30 years' ce; active, and would take real interest in Pscriber. "Conscientious" (127/1), Office of

2 requires post, Photography and Dispensing; e and references; London or East Coast pre- ential. Apply Hurn, Chemist, Rupert Street,

alified, age 20, requires berth in or near t; varied experience; excellent references; 5 "Assistant," 37 Ernest Street, White Horse on, E. 1.

alified (25), demobilised, good experience spensing, seeks post until October 1st; Bir- am preferred. 126/22, Office of this Paper.

alified; temporary or permanent; long Dis- unter experience; middle-aged; tall; disen- 1 Church Street, Maidstone.

alified, age 27, seeks situation; Midlands C ears' all-round experience. "Statim," 79 tch.

(31), experienced, West End and quick e methods, energetic and reliable, desires ns. Apply 127/32, Office of this Paper.

capable, Dispensing and General Routine, perience, free to assist Chemist. Wellman,

work of any kind; posting up and ac- derate. "F. G." (118/31), Office of this

alified); 32; married; Photography, best D ensing experience; comfortable permanency ark Avenue, Raynes Park, S.W. 19.

ser, 26, 11 years' first-class experience, particulars, salary, hours, etc. Apply aper.

-Unqualified Manager or Senior; Dental, phy, expert Extractor; married; highest ds preferred; immaterial. "Optichem" Paper.

DISPENSER (Minor) requires post; Chemist, Institution, or Doctor. Miss Steabben, High Street, Watford.

DISPENSER, lady (Hall), experienced, desires post, June 17th; Doctor or Institution preferred. "Gentian" (126/37), Office of this Paper.

JUNIOR Assistant, 22, requires berth; Dispensing, Stock, and Photography, no Counter, preferred. Apply 125/35, Office of this Paper.

JUNIOR Assistant, young lady, seeks permanency; accustomed to Counter, Stock, Dispensing, Photographics, and Wines in good-class business. Please state terms to Miss Hollingworth, Medical Hall, Holyhead.

LADY, 25, desires post, Chemist; three years' General experience; good Dispenser; Holborn or near district preferred. Apply "K. K." (126/30), Office of this Paper

LADY Assistant (Hall), ex-V.A.D., Doctor's daughter, knowledge of Bookkeeping, desires post with Doctor or in Institution. Address H. W., 120 Trinity Road, S.W. 17.

LADY Dispenser (experienced) desires post with Doctor or Chemist. Apply 125/38, Office of this Paper

LADY Dispenser, Hospital experience, desires Locum from June 1st. Apply P.C.B. 71/29, Office of this Paper.

LADY Dispenser (Hall), over two years' practical experience (working for Minor), desires post at Institution or with Chemist; permanency or Locum. Apply "Fairlight," Back Hill, Ely, Cambs.

LADY, unqualified, desires situation; seven years' experience; high-class Pharmacy and Doctors' Dispensing; salary £200; reasonable hours. Apply 127/24, Office of this Paper.

LEEDS, Manchester, or York District.—Qualified Chemist (lady), 22, 4 years' experience Retail and Institutional, desires post. Apply 127/22, Office of this Paper.

LOCUM, qualified, trustworthy, splendid references, requires work for September; coast or country preferred. Apply 125/37, Office of this Paper.

LOCUM or permanent; wide experience (English and Irish); qualified Dispenser, competent, industrious worker, booking dates. "Aspiria," 82 Dahomey Road, Streatham, S.W. 16.

LOCUM, disengaged June 7th to 26th inclusive, also August 2nd, 3 weeks; good references; terms moderate; South Midlands, London, or South preferred. Jackson, 58 Birmingham Street, Oldbury.

LOCUM or permanency; disengaged; 43; qualified; good experience Counter and Dispensing. "Chemist," 183 Alfreton Road, Nottingham.

LOCUM; wide experience; highest references; well recommended. "Beta," 74 West Hill, East Putney, London, S.W. 15.

LOCUM, at liberty June 10 to end of month; terms reasonable. "Notts" (128/22), Office of this Paper.

LOCUM, Manager or Branch; thorough good all-round experience in all branches of the trade; active and energetic; excellent references; disengaged August 2nd. "Williams" (126/190), Office of this Paper.

LOCUM, qualified, disengaged June 7th to July 3rd inclusive; reliable and sober; good references; experienced. "Pills" (126/191), Office of this Paper.

LOCUM, capable, reliable Manager, free until June 13, also June 27-July 11 inclusive; good references (permanent and Locum); unregistered; age 40. "Number One," 74 Peckham Road, S.E.

LOCUM; Major qualification; thoroughly experienced; abstainer; well recommended; disengaged July 5th; booking forward. Dear 111 Royal Parade, Eastbourne.

LOCUM TENENS.—Pharmaceutical Chemist, retired, elderly, wishes to take over entire charge of Pharmacy during sickness or holiday; active, reliable, abstainer; terms reasonable. Pratt, 23 Grosvenor Road, Banbury.

M.P.S., 26, married, requires permanency in good-class business; South preferred, but not essential; high-class experience; energetic; house if possible; state salnry. Apply 125/13, Office of this Paper.

MANAGER or Senior; 36; qualified (1911); married; abstainer; disengaged soon; 18 years' good country and suburban experience; reliable; would live on premises. "Cerebos," 98 Greyhound Lane, Streatham, S.W. 16.

MANAGER (27), total abstainer, single, quick and accurate Dispenser, tactful Counterman and expert Photographer, desires post; excellent references. Apply 127/21, Office of this Paper.

PHARMACIST, ex-officer, possessing first-class references and long and varied experience, desires Management of Pharmacy in Cornwall, at or near seaside; salary and commission on increased returns; if owner retiring, could eventually arrange succession; thorough knowledge modern business, Window-dressing, Advertisement Writing, and Photographics; could introduce valuable Proprietaries; at present managing large business in Midlands. "Beta" (P.C.B. 72/4), Office of this Paper.

PHARMACIST, married, with long and wide experience in town and country, requires permanent Managership; Home Counties preferred. Details and salary to "Fox" (127/10), Office of this Paper.

QUALIFIED in Pharmacy and in Sight-testing (F.S.M.C.); S. and O. methods; managerial experience town and country; single, desires post as Manager; can be liberated in one month. Apply 124/25, Office of this Paper.

QUALIFIED; age 24; high-class Dispensing and Counter experience; available after June 20th. Apply 115/17, Office of this Paper.

QUALIFIED (33); tall; all-round experience and good references; preferably with view to succession. Apply 127/2, Office of this Paper.

RELIEF, Newcastle-on-Tyne and district; Assistant; unqualified; good Retail and Dispensing experience; also Photographic; excellent references; 35; married; disengaged. McKie, Woodville, Uplands Road, Darlington.

SMART Junior Assistant seeks situation; recently demobilised; 4 years' experience prior to enlistment; Counter, Dispensing; South of England preferred. Apply 128/28, Office of this Paper.

UNQUALIFIED, 27, requires permanency, August; Cheshire, Shropshire; excellent references. "Agricola" (126/14), Office of this Paper.

UNQUALIFIED; finest City and West experience; expert Window display, Photographics, etc.; London or coast; offers invited; highest references. Apply 127/301, Office of this Paper.

UNQUALIFIED Manager; 4 years present berth (no exorbitant salary); business increased threefold; good experience all branches; abstainer; married; middle-aged; liberty early July. "Industrious" (127/4), Office of this Paper.

YOUNG lady, Hall certificate, seeks Locum work for August. Apply 123/15, Office of this Paper.

YOUNG lady Dispenser, qualified, desires Locum post to gain experience, at once. G. Pepper, 15 Boundary Road, Chatham.

YOUNG lady desires post with Chemist or Doctor, in London or Caubridge; 5 years' experience Dispensing and Counter; good references; disengaged June 19th. Apply 127/27, Office of this Paper.

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FOREMAN; Packed Goods or Stockkeeper; 12 years' experience; excellent referenc Office of this Paper.

GENTLEMAN, age 31, 15 years' varied ex Chemists and Stores, requires positio Agent for Wholesale house of good standing, de in any section of the business. P.C.B. 71 Paper.

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WINDOW-DISPLAY Expert, Showcards, thorough Retail knowledge; would co London preferred. Apply 127/300, Office of

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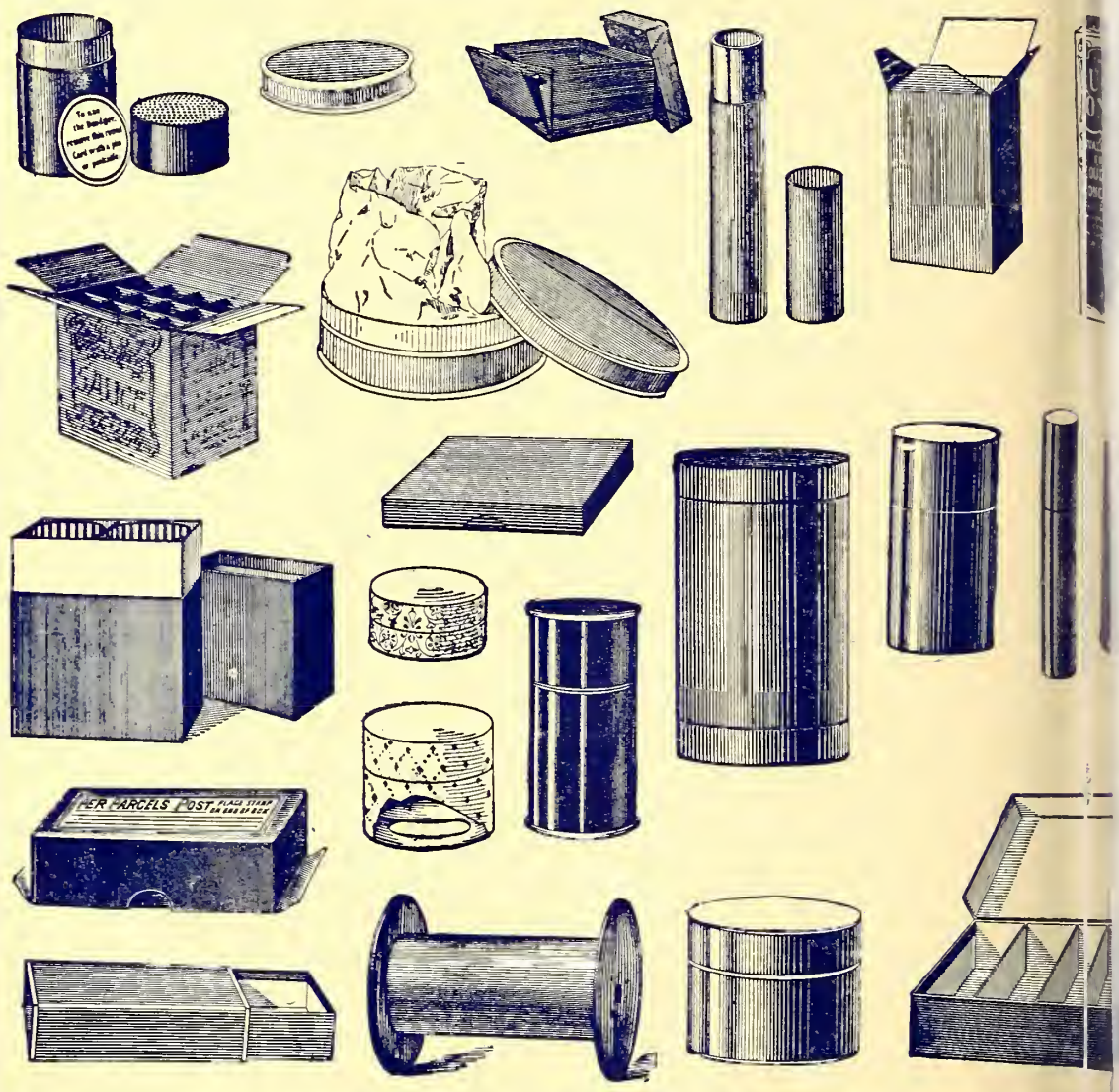

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